

## CAREER SUMMARY

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- Having overall experience of 2+ years with technical knowledge in **Java, Spring Boot, Spring MVC**.
- Responsible for analyzing the requirements, designing and developing the software.
- Working experience in **Java8, Spring MVC, Spring Boot, REST API's**.
- Proficient in utilizing **JAVA** technology to create robust and scalable solution that meet client requirements.
- Skilled in frontend development with expertise in **HTML, CSS**, Java script and as well as backend development using java frameworks like Spring MVC, Spring boot and Hibernate.
- Strong problem-solving abilities and a collaborative mindset demonstrated through successful teamwork in cross-functional environments.
- Consuming 3rd party Payment Gateway and RESTful web services in **Java** technology.
- Hands on experience in POSTMAN tool for testing the API's.
- Worked on IDEs such as Eclipse, MySQL Workbench, Toad for Oracle.
- Proficient in using **Third Party services**.
- Ability to constantly meet deadlines.
- Ability to learn new technologies with minimal time period and team player with excellent coordination with other team members.

## Skills

HTML  
CSS  
JS  
JQuery  
Spring Boot  
Spring MVC  
MYSQL  
Oracle  
Servlet & JSP

## Tools

Maven, Postman,  
Eclipse, MYSQL  
Workbench, Toad for  
Oracle, GIT

## PROFESSIONAL EXPERIENCE

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- Currently working as Software Engineer in **Singhtek BizGroup Pvt. Ltd.** from Feb 2024 to at present.
- Worked as Software Engineer in **E-connect Solution Pvt. Ltd.** from June 2022 to Jan 2024
- Worked as Software Engineer in **Arc gate** from Sep 2021 to May 2022
- Worked as **HR** in **Splash India** Indore Aug 2018 to Oct 2019

## EDUCATIONAL QUALIFICATION

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- M Tech (Master of Technology in CSE) from RGPV University, Indore 2018.
- B.E. (Bachelor of Engineering in CSE) from RGPV University, Indore 2016.
- 12<sup>th</sup> Class from M.P. Board Indore.
- 10<sup>th</sup> class from M.P. Board Indore.
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## CERTIFICATION

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- Certified in C or C++ Technologies by Devi Ahilya Computers, Indore
- Certified in JAVA Technologies by Universal, Indore.

## Experiential Learning (Industrial Training/Internship Program)

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- Company Name Ypsilon IT Solutions Pvt. Ltd.
- Technology JAVA 2D
- Duration 45 Days
  
- Company Name Endeavor IT Solutions Pvt. Ltd.
- Technology JAVA 2D, Hibernate, SpringMVC
- Duration 6 Months

### PROJECT DETAILS

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**Company & experience:** Currently working as Software Engineer in **Singhtek BizGroup Pvt. Ltd.** From Feb 2024 to at present.

**Role and Responsibility:** Senior Java Developer

#### Project: AEPS Pay Application

**Description:** Designed and developed a robust AEPS Pay application using Java technology, akin to popular payment platforms like Phone Pay. Leveraged Java frameworks and libraries to create a secure, efficient, and user-friendly payment ecosystem.

#### Technologies Used:

- Programming Languages: Java, SQL
- Frameworks/Libraries: Spring Boot, Hibernate, Apache Tomcat
- Tools/Technologies: Maven, Eclipse
- Databases: MySQL
- Security: OAuth 2.0, JWT

#### Engagements:

- Architected the application from scratch, ensuring scalability, maintainability, and adherence to industry standards.
- Implemented core features such as user authentication, transaction processing, and real-time notifications.
- Integrated Aadhaar authentication for seamless biometric-based transactions, ensuring compliance with regulatory requirements.
- Employed advanced encryption techniques to safeguard sensitive user data and financial transactions.
- Collaborated with cross-functional teams including product managers, designers, and QA engineers to deliver high-quality software on schedule.
- Optimized application performance through code refactoring, caching strategies, and database tuning, resulting in faster response times and improved user experience.
- Conducted thorough unit testing and participated in peer code reviews to uphold code quality and minimize bugs.
- Provided technical support and troubleshooting assistance to end-users and internal stakeholders, ensuring smooth operation of the application.

- Stayed updated with the latest developments in Java technology and payment industry trends, continuously enhancing the application's functionality and security.

### **Project: POS (Point of Sale) Application**

**Description:** Our Point of Sale (POS) application is a robust and intuitive solution designed to streamline the transactional processes of businesses, enhancing efficiency and customer experience. Built on Java Spring Boot framework, our POS application offers a secure and scalable platform for managing sales, inventory, and customer interactions.

#### **Technologies Used:**

- Programming Languages: Java, SQL
- Frameworks/Libraries: Spring Boot, Hibernate, Apache Tomcat
- Tools/Technologies: Maven, Eclipse
- Databases: MySQL
- Security: OAuth 2.0, JWT

#### **Engagements:**

- Designed and developed a Java Spring Boot POS application, providing an intuitive and efficient interface for customer transactions.
- Implemented secure authentication and authorization mechanisms using Spring Security to safeguard sensitive customer data.
- Integrated with [mention any third-party services or APIs you utilized] to enhance functionality and streamline payment processing.
- Optimized application performance by fine-tuning database queries and implementing caching mechanisms, resulting in reduced transaction times.
- Collaborated with cross-functional teams including UI/UX designers and QA testers to deliver high-quality software within project deadlines.

**Company & experience:** E-Connect Solution Pvt. Ltd. from June 2022 to Jan 2024.

**Role and Responsibility:** Java Developer

### **Project: DMG (Department of mining and Geology) Government Project**

**Description:** A significant aspect of the project involved seamless integration with multiple third-party services, including the Challan system. This integration enabled efficient management of fines and regulatory compliance, streamlining administrative processes for government personnel. Government Collaborated closely with key stakeholders from the mining and geology departments to understand their unique requirements and operational challenges. This collaboration ensured that the developed solution was aligned with regulatory standards and effectively addressed the sector's specific needs.

#### **Technologies Used:**

- Programming Languages: Java, SQL, HTML, CSS, JQuery, Ajax, Java Script
- Frameworks/Libraries: Spring MVC, Apache Tomcat
- Tools/Technologies: Maven, Eclipse, Toad for Oracle
- Databases: Oracle

## Engagements:

- Spearheaded the development of a mission-critical web application for government agencies in the mining and geology sector, leveraging Spring MVC technology.
- Orchestrated seamless integration with multiple third-party services, notably the Challan system, streamlining the process of fine management and compliance.
- Engaged extensively with stakeholders from the mining and geology departments to gather requirements and ensure alignment with regulatory standards and operational needs.
- Architected and implemented backend functionalities tailored to handle large-scale data processing inherent in geological datasets, optimizing for performance and scalability.
- Designed intuitive user interfaces using HTML, CSS, and JavaScript to facilitate efficient data visualization and analysis for department personnel.
- Integrated geospatial visualization tools, enhancing the application's capability to display mining data in a spatial context, aiding in decision-making processes.
- Executed comprehensive testing and debugging protocols to ensure the robustness and reliability of the application across diverse environments.

## ACADEMIC PROJECT DETAILS

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### Online Banking System

Developed a comprehensive online banking system as a part of B.E. graduation project, aimed at providing secure and user-friendly banking services to customers. Implemented using C++ language to ensure efficient performance and robust functionality.

### Key Features:

- Account Management: Created functionalities for opening new accounts, closing accounts, and managing account details.
- Fund Transfer: Developed modules for transferring funds between accounts, including intra-bank and inter-bank transfers.
- Bill Payment: Integrated bill payment services for utilities, credit cards, and other recurring payments.
- Transaction History: Implemented features to view transaction history, search transactions, and generate statements.
- Security Measures: Implemented encryption techniques and secure authentication methods to protect sensitive customer data and transactions.

### Technologies Used:

- Programming Languages: C++
- Tools/Technologies: Visual Studio

### Engagements:

- Collaborated with team members to define project requirements, design system architecture, and assign development tasks.
- Implemented core functionalities of the online banking system, including account management, fund transfer, and bill payment.
- Conducted rigorous testing to identify and fix bugs, ensuring the reliability and stability of the application.
- Documented the system design, implementation details, and user manual for future reference and maintenance.
- Presented the project to faculty members and peers, demonstrating its features, functionality, and technical aspects.

### School Management System

Designed and developed a comprehensive School Management System as a part of the graduation project, aimed at streamlining administrative tasks and improving communication between stakeholders within educational institutions. Implemented using Java technology stack to ensure flexibility, scalability, and cross-platform compatibility.

### Key Features:

- **Student Management:** Developed functionalities for student registration, enrolment, and profile management.
- **Attendance Tracking:** Implemented modules for recording and monitoring student attendance, including automated notifications for absentees.
- **Gradebook Management:** Created features for teachers to input grades, calculate averages, and generate reports.
- **Timetable Management:** Designed a system for creating and managing class schedules, teacher assignments, and room allocations.
- **Communication Portal:** Integrated tools for communication between teachers, students, and parents, including messaging and announcements.

### Technologies Used:

- **Programming Languages:** Java, SQL, HTML, CSS, JQuery, Ajax, Java Script
- **Frameworks/Libraries:** Spring MVC, Apache Tomcat
- **Tools/Technologies:** Maven, Eclipse, Toad for Oracle
- **Databases:** Oracle

### Engagements:

- Collaborated with team members to define project requirements, establish system architecture, and allocate development tasks.
- Implemented core functionalities of the School Management System, ensuring adherence to design specifications and user requirements.
- Conducted thorough testing to identify and resolve bugs, ensuring the reliability and usability of the application.
- Documented the system design, database schema, and user manual to facilitate future maintenance and updates.

- Presented the project to faculty members and peers, demonstrating its features, functionality, and technical implementation.

## Android Phone Security System

Developed an Android Phone Security System as a part of the M.Tech program, aimed at enhancing the security and privacy of Android devices against various threats and vulnerabilities. Leveraged Android technology stack to create a robust and user-friendly security solution for mobile devices.

### Key Features:

- **Anti-Theft Measures:** Implemented features such as remote lock, wipe, and tracking to protect against theft and unauthorized access to the device.
- **Malware Detection:** Integrated malware detection and removal capabilities to safeguard against malicious software and applications.
- **App Permissions Management:** Developed functionalities for managing app permissions, including fine-grained control over sensitive data access.
- **Secure Data Transmission:** Implemented encryption techniques and secure protocols for transmitting sensitive data over networks.
- **Device Health Monitoring:** Designed modules for monitoring device health, including battery status, storage usage, and performance metrics.

### Technologies Used:

- **Programming Language:** Java
- **Android SDK:** Android Studio
- **Security Libraries:** Google Play Protect, Android Key Store
- **Version Control:** Git

### Engagements:

- Collaborated with team members to define project objectives, establish technical requirements, and assign development tasks.
- Implemented core functionalities of the Android Phone Security System, ensuring compatibility with various Android versions and device configurations.
- Conducted rigorous testing to validate the effectiveness and reliability of the security features, including vulnerability assessments and penetration testing.
- Documented the system architecture, design decisions, and implementation details for reference and future enhancements.
- Presented the project findings and outcomes to faculty members and peers, showcasing its contributions to mobile security research and practice

