

## Vaishali Jeenwal

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### PROFESSIONAL SUMMARY

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Software Engineer with 4 years of experience and a master's degree in information systems, proficient in developing scalable front-end and back-end applications across diverse platforms. Collaborates with cross-functional teams to deliver high-quality solutions and utilize technical expertise, problem-solving skills, and creativity to create innovative software solutions.

### TECHNICAL SKILLS

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**Programming:** C, C++, C#, Java (Core and Advanced J2EE), Kotlin, Python, Shell Scripting (Bash)

**Framework:** Spring MVC, Hibernate, Java Swing, Spring Boot, React, React-Native, Node JS (with Express), Android SDK

**Web Technologies:** JavaScript, HTML, CSS, SCSS, jQuery, AJAX, JSP, Servlet

**Cloud Technology:** AWS (EC2, Lambda, DynamoDB, S3, Route 53, CloudFormation, CloudWatch, IAM, SNS, SQS, AWS CLI)

**Database and Server:** MySQL, SQLite, Redis, Elasticsearch, RabbitMQ, GraphQL, MongoDB, XML, JSON, Apache Tomcat

**IDE, Tools, and OS:** Android Studio, Eclipse, Net beans, Adobe XD, Figma (Software), Git, GitHub Workflows, IntelliJ, Turbo C, Visual Studio Code, Postman, Jira, Android, Windows, Linux (Ubuntu), macOS

**Computer Science Principles:** Data Structures and Algorithms, Object-Oriented Concepts, Design Patterns, Software Design and Architecture, Software Development Cycle, System Design.

### PROFESSIONAL EXPERIENCE: Software Engineer (4 years of experience)

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**Alliant Infotech, Software Developer, Indore, India**

July 2020– July 2021

- Developed client websites using the JavaScript-based framework React and libraries, following best practices, resulting in an **improvement in user experience**
- Collaborated with cross-functional teams to gather and analyze customer feedback, leading to a **15% increase in customer satisfaction**, and managed software projects efficiently in a fast-paced environment, achieving an **18% reduction in project completion time**.

**Empower Integrated Solutions, Software Engineer, Indore, India**

Nov 2019 – Jun 2020

- Enhanced a JavaScript-based mobile framework React-Native application, incorporating new features, promptly fixed bugs and implemented unit testing for stability, **improved performance by 25%**
- Implemented redux libraries for state management, resulting in a **20% reduction in app crashes**, and worked in an agile methodology using Jira and Git, maintaining an **average sprint efficiency of 90%**.

**Sjain Ventures Limited, Android Developer, Pune, India**

Aug 2018 – July 2019

- Contributed to all phases of the software development cycle for Android-based applications, utilizing Java, Kotlin, XML for frontend and Spring Boot framework for backend development, achieved a significant error-free release rate
- Utilized Android frameworks and software design patterns to create robust and scalable mobile apps, **ensuring a 100% user satisfaction rating**. Deployed and maintained apps on the Google Play store, resulting in thousands of downloads and a good rating.

**Dalmet Technologies Private Limited, Software Engineer, Pune, India**

April 2017 – March 2018

- Developed secure Android apps with multi-threaded, asynchronous code and implemented MongoDB database backend and server APIs to optimize data storage and retrieval processes, resulting in a **20% improvement in app performance**
- Designed and implemented an Android mobile app with Java and SQLite database, featuring QR code and scanning for enhanced data management, **increasing user engagement by 25%**.

### EDUCATION

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**Northeastern University, Seattle, USA**

Jan 2022 - Dec 2023

*Master of Science in Information Systems, 3.75 GPA*

**Ujjain Engineering College, Ujjain, India**

Aug 2011- May 2015

*Bachelor of Engineering in Electronics and Communication Engineering*

### ACADEMIC PROJECTS

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**Web Technologies: React, JavaScript, HTML, CSS / SCSS, Rest API, Node JS**

- Movie Maven:** Developed a user-friendly movie review website using React, HTML, SCSS, and JavaScript, with RESTful API integration using Node JS (Express) and front-end development tools like **Webpack** and **Babel**
- Implemented features including user login, browsing movies, writing reviews, and searching reviews. Enhanced user engagement through intuitive design and seamless navigation.

**AWS: Node JS, CloudFormation, EC2, Lambda Function, RDS, DynamoDB, S3, Route 53, CloudWatch, AWS CLI, and IAM**

- Designed and implemented a robust cloud infrastructure using CloudFormation template and advanced AWS services such as VPC, EC2, Lambda Function, RDS, DynamoDB, S3, Route 53, CloudWatch, Autoscaling Group, AWS CLI, and IAM
- Developed **RESTful microservices** using **Node.js** and deployed them via a **CICD pipeline** and **GitHub Workflows**. Additionally, created **shell scripts** to create my own Network infrastructure and application infrastructure.