

Vaishali Jeenwal

Bellevue, WA, 98004 || 781 399 1774 || vaishaliheenwal@gmail.com || <https://github.com/jeenwalvaishali> || www.linkedin.com/in/vaishali-jeenwal || <https://jeenwalvaishali.github.io>

PROFESSIONAL SUMMARY

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

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)

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 challenging 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 Rest APIs using JavaScript (Node JS), achieving 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 JavaScript(Node JS) 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

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

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.