

Reyansh Mishra

Tech Lead

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[Github](#) | [LinkedIn](#) | [Portfolio](#)

SUMMARY:

- Software engineer with 6+ years of diverse experience in JavaScript, HTML, CSS, TypeScript, Java, and Python.
- Proficient in utilising frameworks like React.js, Redux, React Native, and Node.js to develop scalable web applications.
- Database expertise with MySQL, PostgreSQL, SQLite, and Firebase, adept at optimising database performance.
- Skilled in DevOps and version control tools such as Jenkins, Fastlane, CircleCI, and GitHub Actions for streamlined deployment processes.
- Well-versed in agile methodologies including Scrum and Kanban, with a deep understanding of SDLC processes.
- Experienced in RESTful web services, microservices architecture, AWS, and MVC frameworks.
- Proficient in setting up continuous integration/delivery pipelines and implementing robust testing strategies.

SKILLS:

Programming Languages:

JavaScript, HTML, CSS, Typescript, Java, Python, and SQL

Frameworks:

React.js, Redux, React Native, and Node.js

Databases:

MySQL, PostgreSQL, SQLite, and Firebase

Software Tools:

Jira, Git/GitHub, Android Studio, and MS Office suite

DevOps & Version Control:

Jenkins, Fastlane, CircleCI, and GitHub Actions

Operating Systems & IDEs:

Windows, MacOS, Linux/Unix, Eclipse, and VSCode

Software Development Methodologies:

SDLC, Agile, Scrum, and Waterfall

Others:

REST Web Services, Microservices, Agile processes, CI/CD, SDLC, AWS, MVC framework, and Testing

EDUCATION:

Master of Science; Computer Science

University of Dayton, OH

| May 2024

Master of Science; Information Technology

University of Mumbai, IND

| May 2022

Bachelor of Science; Computer Science

University of Mumbai, IND

| Jun 2016

PROJECTS:

Dashcam Road Material Detection – *Python, TensorFlow*

- Collected over 4,000 images, applied semantic segmentation to remove the background, and trained models with and without background for accuracy comparison. Achieved 67% & 82% accuracy with/without background, respectively.
- Used transfer learning to train models and test them against the collected datasets to assess the accuracy of more than 6 CNN models.

CodeBits – *JavaScript, AI, ReactNative, HTML, CSS, Markdown, Firebase*

- Built an app in ReactNative to learn coding concepts of JavaScript, Python, ReactNative, Data structure, and many more programming concepts through interactive and concise flashcards.
- Used Firebase to store data and send timely notifications to users.

Music Player – *Android, Java, JAudioTagger, REST API*

- Built an open-source music player to play audio files app using iTunes API, SQLite, and JAudioTagger.
- Achieved 50,000+ installations on Google Play with a 4.6 rating.

ColdMailService – *JavaScript, OpenAI, APIs, Webpack, React.js, HTML, CSS, REST APIs*

- Built a Chrome extension to extract recruiters' profiles using AI, NodeJS, and ChatGPT APIs to generate personalised emails.

EXPERIENCE:

Infosys, USA

June 2024 – Present

Tech Lead

- Involved in gathering SDLC requirements, analysing, designing, developing, and testing applications using agile methodology (Scrum) and TDD Development.

Zupee, India

Feb 2022 – Aug 2022

Sr. Software Engineer

- Used Middlewares, like redux-promise, thunk and redux-saga in the app to retrieve data from the back-end and to perform RESTFUL API calls.
- Contributed to coding a React Native casual gaming app, serving 400k+ users, and developed the application from scratch using React Native.
- Automated iOS deployment using Jenkins job, resulting in over 70% time and effort savings for the team.
- Improved dev environment & wrote dev documentation, reducing onboarding time for new developers by over 60%.

Petzing, India

Dec 2020 – Jan 2022

Sr. Software Engineer

- Led a 4-member team to revamp a React Native app by taking ownership of the project, achieving 8x higher user retention and enhanced app performance by 40%.
- Built partner app with features like end-to-end messaging, video calling, and booking appointments for vet consultations.
- Implemented Firebase, Bugsnag, Sentry, and Google Analytics, increasing crash-free users from 60% to 98%.

Uppertext Corp. & Freelancer, India

Jun 2017 – Nov 2020

Software Engineer

- Coded a React web app to optimize talent acquisition processes, resulting in a 70% increase in operational efficiency.
- Developed responsive web applications for desktop and mobile using Bootstrap.
- Developed modules in Node.js Express framework with Advanced JavaScript (including prototype-based inheritance, event delegation, and closures)
- Wrote a JavaScript-based Chrome extension to scrape users' profile information and send it to the hiring pipeline on the backend, minimizing time expenditure by 70%.
- Used Version Control tools like GitHub for Source Code version management.
- Worked with the QA team daily in fixing the reported bugs/defects and checking cross-platform compatibility.

Tacto, India

May 2016 – Jun 2017

Software Engineer

- Boosted app performance by 40% through REST API integration optimization, using SQLite and Retrofit cache.
- Improved the speed of the application by more than 30% by optimizing several SQLite database queries.
- Worked on projects using agile software development methodology.