# Ravi Shankar

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## Summary

Skilled **Full Stack Software Engineer** with expertise in **MERN** stack (**MongoDB**, **Express.js**, **React.js**, **Node.js**) and **Spring Boot**. Proven ability to deliver scalable applications and enhance user experience. Recognized for innovation at Quantiphi.

## Experience

**Quantiphi**                                                                                                      Dec 2022 – Present
*Full Stack Software Engineer*                                                                           *Mumbai, Maharashtra*
- Spearheaded the creation and deployment of cloud-agnostic solutions for a major fleet management company, resulting in a **40%** improvement in operational efficiency and a **25%** reduction in costs compared to legacy systems.
- Contributed to a **UI components library** for web and mobile with, **React.js**, **Material-UI**, **React Native Paper**, and **Storybook**, reducing development time by **25%**.
- Resolved production issues and defects, improving system stability by **32%**. Optimized file synchronization, cutting processing time by **25%**, and enhanced secure login integration, boosting user authentication speed by **15%**.
- Developed and maintained a **React Native** app, serving **40k** users in the US . Implemented deep linking, caching, and push notifications, reducing load times by **20%** and boosting retention by **30%**.

**Quantiphi**                                                                                                      Aug 2022 – Dec 2022
*Full Stack Software Engineer Intern*                                                                 *Mumbai, Maharashtra*
- Developed and maintained **React.js** web applications, achieving **99.9%** uptime.
- Implemented **RESTful APIs** using **Node.js** and **Express.js** for efficient data handling and backend functionality.

## Projects

**Real-Time Chat Application** ↗ | *React.js, Node.js, Express, Socket.IO, MongoDB*
- Built a real-time chat application with seamless **REST API** integration, improving user interaction.
- Designed the chat system to reduce server response time by **25%**, ensuring efficient performance.

**Movie Review Application** ↗ | *React.js, Spring Boot, MongoDB*
- Developed a movie review application with a clean interface, making it easy for users to submit and view reviews.
- Implemented features that streamlined the review process, reducing data entry time by **15%**.

**RepoHub** ↗ | *React.js, Redux, JSON server, Material UI*
- Created a user-friendly interface for a version control system with mock data to demonstrate core features.
- Implemented mock data to simulate repository management features for realistic UI testing and visualization.

## Technical Skills

**Languages**: Javascript, Java, Python, C, TypeScript
**Frontend Technologies**: React.js, Angular, React Native, React Native Paper, Storybook, Redux, Bootstrap
**Backend Technologies**: Node.js, Spring Boot, Express.js, Flask
**Databases**: MySQL, MongoDB, NoSQL
**Cloud and DevOps**: AWS (Lambda, S3, Cognito), Git, CI/CD, Jira

## Education

**Vivekanand Education Institute of Technology**                                               July 2018 – May 2022
*B.E. in Information Technology (GPA: 8.65 / 10.00)*                                         *Mumbai, Maharashtra*

## Awards

**Hackathon**: Winner @ VESIT Hacks 2022: College Level Hackathon.
**Avengers Award**: Recognized by Quantiphi for exceptional contributions.

## Certifications

**AWS Certified Solutions Architect - Associate** ↗