

# SHIVAKUMAR UMMEDA

Software Engineer - Full Stack Developer

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## Summary

Full Stack Developer with 2.5 years of hands-on experience building scalable web applications using React, Node.js, MongoDB, and PostgreSQL. Proficient in REST APIs, TypeScript, Docker, GCP, and CI/CD using Jenkins. Skilled in Agile development, cloud-based deployments, and backend integrations to deliver robust, high-performance applications.

## Skills

HTML5 • CSS3 • JavaScript • TypeScript • React • Redux • TailwindCSS • Bootstrap • Node.js • Express.js • REST API • MongoDB • PostgreSQL • Java • Docker • Git • GitHub • Bitbucket • Jira • Postman • Figma • Jenkins • Google Cloud Platform • CI/CD Pipelines • Agile • Scrum • Logging & Monitoring • Alerting • Grafana • Linux • Ubuntu • Shell Scripting.

## Experience

tech.at.core

Remote

Software Engineer

03/2023 - 03/2025

Software engineering consultancy focused on end to end product development and technology solutions

- **Developed** and maintained client-facing applications for BMG's digital supply chain, contributing to five integrated platforms handling media ingestion, metadata processing, and asset validation workflows.
- Built and optimized full-stack web applications using **React, Node.js, Express**, and **MongoDB**, focusing on modular code design.
- Designed and implemented reusable frontend components, ensuring maintainable and clean code across multiple projects.
- Built secure **RESTful APIs** and integrated third-party services to enhance application features.
- Managed version control and development workflows using **Git, GitHub, Bitbucket**, and **Jira** to streamline collaboration, track issues efficiently, and ensure codebase integrity.
- Worked with **Docker** and **GCP** for containerization and cloud deployments and collaborated in **Agile** sprints, contributed to sprint planning and code reviews, ensuring high-quality and timely delivery.

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Nizamabad, Telangana

Software Intern

11/2022 - 02/2023

Software engineering consultancy focused on end to end product development and technology solutions

- Assisted in the development of web applications using **React, TypeScript**, and **Styled Components** and collaborated with senior developers and received mentorship on best practices in **clean code, component based architecture**, and **debugging techniques**.
- Supported the integration of RESTful APIs and backend services using Node.js and Express, improving functionality and user interaction. Gained hands-on experience in version control with Git and collaborative workflows using GitHub.

## Key Achievements



### Performance Optimization

Reduced application load time by 30% by optimizing React components, lazy-loading routes, and refactoring redundant API calls.



### API Development & Integration

Developed and deployed RESTful APIs using Node.js and Express, improving backend response time by 25% and enhancing data integrity in MongoDB



### Improved Backend Performance

Refactored Express.js middleware and implemented proper authentication (JWT) and input validation, reducing reported bugs by 60%.

## Projects

### Vehicle Insurance Claim Investigation App

<https://github.com/ShivakumarU>

An application for managing insurance claim investigations

- Built and deployed a full-stack insurance investigation platform using React, Redux, Node.js, and MongoDB, with dynamic forms and automated PDF report generation for invoices and investigation summaries using `@react-pdf/renderer`.

## Education

Kakatiya University College of Engineering and Technology

Warangal, Telangana

Bachelor of Technology (B.Tech), Information Technology

2022