

GIRISH MILIND TIWALE

Senior Software Engineer

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PROFESSIONAL SUMMARY

Full Stack Software Engineer with 3.5+ years of experience building scalable, production-grade web applications for US-based companies. Currently working as Senior Software Engineer at Computech Corporation, Hyderabad. Expertise in React.js, TypeScript, Node.js, and PostgreSQL. Proven track record of delivering measurable results — improving deployment frequency, reducing authentication errors, and optimizing front-end performance in Agile environments. Seeking roles in product companies, IT MNCs, or Indian arms of global tech companies.

TECHNICAL SKILLS

Front-End: React.js · Redux · Next.js · TypeScript · JavaScript · Material UI · Ant Design · Tailwind CSS · Bootstrap · HTML5 · CSS3

Back-End: Node.js · Express · Django · REST APIs

Databases: PostgreSQL · MySQL · MongoDB · SQLite

Testing: Jest · Cypress

DevOps & Tools: Git · Docker · Jenkins · CI/CD Pipelines · Webpack · Babel · Jira · Agile/Scrum

Languages: Python · Java · C · C++

WORK EXPERIENCE

Computech Corporation

Senior Software Engineer

Aug 2025 – Present
Hyderabad, Telangana, India

- Promoted to Senior Software Engineer; driving end-to-end ownership of critical features — from system design and API contracts to production deployment, ensuring reliability and scalability
- Mentoring junior and mid-level engineers through structured code reviews and knowledge-sharing sessions, improving team productivity and code quality
- Delivering mobile-first, responsive Single Page Applications (SPAs) using React.js, TypeScript, Redux, and modern CSS frameworks
- Translating UI/UX designs into pixel-perfect, production-ready frontend components with cross-browser and cross-device compatibility

Computech Corporation

Applications Software Engineer

Apr 2023 – Jul 2025
Detroit, MI, USA

- Designed and delivered mobile-first, responsive, reusable UI components using React.js, TypeScript, Redux, and Ant Design in collaboration with UX/UI designers and backend teams
- Implemented JWT-based authentication workflows, ensuring secure and consistent access across an ecosystem of interdependent applications, reducing unauthorized access attempts by 30%
- Developed a private NPM package to centralize UI authentication workflows, increasing development efficiency by 25% across applications
- Standardized reusable component library using Ant Design across 5+ applications, reducing development time by 20% and accelerating project delivery
- Built and maintained RESTful APIs using Node.js and PostgreSQL, enabling secure data exchange and enhancing scalability across applications
- Refactored backend services by introducing caching mechanisms, streamlining APIs, and optimizing database queries to enhance performance and scalability
- Integrated Docker into the development pipeline, facilitating containerized deployments and reducing environment discrepancies
- Established CI/CD pipelines using Jenkins, automating development workflows and increasing deployment frequency from bi-weekly to twice per week
- Optimized front-end performance by improving cross-browser and cross-device compatibility, reducing load times by 15%
- Streamlined task management and sprint planning using Jira, achieving a 20% increase in on-time delivery of sprints

- Developed responsive web applications using React.js, Material UI, and SASS, ensuring seamless user experiences and cross-browser compatibility, leading to a 20% increase in customer satisfaction and retention
- Led the redesign of RESTful APIs in Node.js, integrating Auth0 authentication via Passport.js, enhancing security and reducing authentication errors by 30%
- Collaborated with backend teams to optimize API workflows, reducing latency by 10% and improving system performance
- Implemented a robust data validation system with comprehensive error-handling mechanisms to ensure data integrity and reliability across applications, reducing data processing errors by 25%

PROJECTS

Flowdesk – SaaS Admin Dashboard | *React.js · TypeScript · Tailwind CSS · Supabase*

- Built a full-stack SaaS admin dashboard featuring interactive data tables powered by TanStack Table and analytics visualizations with Recharts
- Integrated Supabase authentication with role-based access control, enabling secure, scoped admin access across multiple user tiers

Zenly – Responsive Landing Page | *React.js · TypeScript · Tailwind CSS*

- Developed a fully responsive landing page delivering a polished and performant experience across all screen sizes
- Structured reusable, component-based UI with clean design and cross-browser compatibility, ensuring fast load times and a consistent brand experience

MeSocial – MERN Stack Social Networking App | *React.js · Node.js · Express · MongoDB · SASS*

- Developed a full-stack responsive Single Page Application with RESTful APIs for CRUD functionalities using Mongoose ODM

GoCamp – Full Stack CRUD Blog App | *Node.js · Express · MongoDB · Bootstrap*

- Developed a full CRUD blog application with Mapbox-based geocoding and Passport.js-based user authentication and authorization

EDUCATION

M.S. in Computer Science (CGPA: 3.82)

California State University, Fresno | Fresno, CA, USA

Jan 2021 – May 2022

B.E. in Information Technology (First Class)

Savitribai Phule Pune University | Pune, Maharashtra, India

Aug 2011 – May 2016

LANGUAGES

English (Fluent) | **Hindi** (Native) | **Marathi** (Native)