

Prathamesh Kulkarni

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SUMMARY

Frontend-focused Software Engineer with 2+ years of experience delivering **React.js**, **TypeScript**, **JavaScript**, **HTML**, and **CSS** solutions in Agile environments. Skilled in building **customer-facing features**, optimizing UI performance, and ensuring **responsive, accessible design**. Adept at **modern frontend engineering practices**, **test automation**, and **cloud-native deployment**. Strong track record in developing **scalable, real-time applications** with cross-functional teams.

SKILLS

Frontend: React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Responsive Design, Accessibility (WCAG), State Management (Redux, Context API)

Backend: Node.js, REST APIs, PostgreSQL, Supabase, Prisma, Google Cloud Platform (GCP), Docker

WORK EXPERIENCE

Tribes.AI **Noosa, Australia**

Software Engineer (Remote) Sep 2021 - Oct 2022

- Developed and maintained **React.js** dashboards using **TypeScript**, **JavaScript (ES6+)**, **HTML5**, and **CSS3** for a real-time analytics platform, improving **UI responsiveness** and **user engagement by 25%**.
- Collaborated with cross-functional teams in an agile setting to deliver performant frontend features.
- Implemented **responsive, accessible UI components** with **React.js**, **JavaScript (ES6+)**, and **Tailwind CSS**, adhering to **WCAG standards** for inclusivity.
- Containerized the full stack with Docker & Kubernetes, improving deployment efficiency by 60%.

Bridge Solutions Group **Bangalore, India**

Software Engineer Mar 2021 - Aug 2021

- Optimized **React.js** and **TypeScript** applications using **performance profiling** and **code-splitting**, improving frontend load times and responsiveness by **15%**.
- Built a React-based internal tool for API documentation, reducing developer onboarding time by 40%.
- Created **automated unit and integration tests** for **JavaScript** modules using **Jest** and **React Testing Library**, reducing regression bugs by **23%**.
- Debugged and resolved UI issues with a 95%+ issue resolution rate within 24 hours.

EDUCATION

Universität Passau **Passau, Bayern**

M.Sc. Computer Science Graduation Date: Sep 2025

KLE Technological University **Hubballi, India**

B.E. Computer Science & Engineering Graduation Date: Jun 2021

PROJECTS

Universität Passau **Passau, Bayern**

Master Thesis Aug 2024 - Mar 2025

- Conducted comprehensive simulation experiments on an Active Distribution Network integrating Battery Storage Systems and Photovoltaics, demonstrating dynamic flexibility scheduling that improved scalability metrics by 40% while proposing enhancements such as uncertainty modeling and market-based pricing mechanisms to further advance future grid operations.

Personal Project **Passau, Bayern**

AI-Based Logo Generator Jan 2025 - Feb 2025

- Built and deployed a **React.js (Next.js)** and **TypeScript**-based customer-facing GenAI web application with real-time logo generation using OpenAI and Stability AI APIs. Implemented **responsive UI**, **secure authentication**, and **cloud-native deployment** on Vercel.
- Link: <https://logo-generator-topaz.vercel.app/>