

Vinit Khandal

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WORK EXPERIENCE

BLIRO | FULL STACK DEVELOPER

Munich, Germany | Dec 2023 – Jun 2024

- Transformed the **Electron** desktop app codebase from JavaScript to TypeScript, enhancing type safety and interfaces. Boosted **code maintainability by 40%** and reduced **runtime errors by 25%**.
- Led the implementation of GitHub **CI/CD** workflows, **Eslint/Prettier**, and **Request for Comments** (RFC) processes. These initiatives improved code review, deployment efficiency, documentation, and coding standards adherence.
- Worked with external APIs like **Stripe** for payments and **Jira** for issue tracking which improved the project tracking and payment processing.
- Implemented a monorepo structure using **Turborepo** and **PNPM** workspaces, enhancing speed and efficiency in loading, building, and running. Boosted overall performance and productivity by consolidating utilities and adhering to the **DRY principle**.
- Built a **comprehensive testing infrastructure** with unit, integration, and end-to-end tests using Jest, Supertest, and Playwright. Achieved **80% test coverage**, resulting in a **30% reduction in critical bugs** and improved code reliability.

QUINITE TECHNOLOGIES | FRONTEND DEVELOPER INTERN

Gujarat, India | Dec 2022 - May 2023

- Developed and maintained web components with React, leveraging **Redux** for state management accelerated **load times by 30%** and increased application performance.
- Collaborated closely with the backend development team to customize **API endpoints**, ensuring seamless integration between the front-end and back-end systems.
- Optimized user interface and enhanced user engagement by resolving **15+ UI/UX issues**, resulting in improved application usability.

OPEN SOURCE

REAL DEV SQUAD | MEMBER

Remote | Oct 2022 - Present

- Collaborated on diverse projects (Next.js, Ember.js, Express.js, and Firestore) with a focus on code quality, web accessibility, and engineering excellence.
- Ensured codebase stability by achieving a **95% test coverage** on critical features using Jest, Chai, and Mocha, resulting in an approx **50% reduction in bugs** and more robust pull request test suites.
- Serving as the app owner of TinySite **URL shortener**, led enhancements that significantly boosted user adoption and improved the overall user experience. TinySite utilizes **Next.js** for the frontend, **Go** for the backend, **PostgreSQL** as the database, and is deployed on **AWS**.
- Worked with **Discord API** and **Cloudflare** to create Discord slash commands for checking user's out-of-office details efficiently, which improved team coordination and communication.

SKILLS

Languages: JavaScript, TypeScript

Frameworks/Libraries: React, Next.js, Node.js, Electron.js, Redux

Testing: Jest, Playwright, Mocha/Chai, RTL

Technology: Git, CI/CD, Docker

Databases: NoSQL, MySQL

EDUCATION

BTech Electronics and Communication Engineering
JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Jaipur, RAJ | Jun 2022