Shubham Madhavi | Full Stack Software Engineer | TypeScript, React, Next.js

Jersey City, NJ 07307

📱 201-526-5040 • ✉ shubhammadhavi9@gmail.com

linkedin.com/in/shubhammadhavi ▪ github.com/shubhammadhavi

Summary

Full stack software engineer with an MS in Computer Science and hands-on experience building scalable web applications. Strong proficiency in TypeScript, React, Next.js, and PostgreSQL. Focused on writing clean, maintainable code and building responsive user interfaces. Actively seeking Software Engineer or Full Stack roles to build modern web products.

Technical Skills

- **Frontend Development:** React, Next.js 15, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Vite, Redux
- **Backend & Databases:** Node.js, Express, REST APIs, PostgreSQL, MySQL, MongoDB, Drizzle ORM, Prisma, SQL Query Optimization
- **Testing & Quality:** Jest, React Testing Library, Cypress, Playwright, Storybook, ESLint, Prettier
- **Performance:** Core Web Vitals, Lighthouse, Code Splitting, Lazy Loading, Bundle Optimization, SEO
- **DevOps & Tools:** Git, GitHub, Docker, AWS (EC2, S3), Jenkins, Linux, CI/CD Pipelines, Jira
- **Languages:** TypeScript, JavaScript, SQL, Java, C++

Projects

SaaS Platform   **React, Next.js 15, TypeScript, Postgres, Drizzle**

Bridge - End-to-End Driving School Automation   *2025 – Present*

- Building a multi-tenant SaaS platform for driving schools using Next.js 15, TypeScript, and PostgreSQL featuring comprehensive admission workflow, vehicle fleet management, and payment processing.
- Leading go-to-market strategy to scale across Mumbai's driving school market within 12 months, with validated product-market fit through pre-launch customer commitment and operational automation capabilities.

Local-first Desktop & Web App   **React, TypeScript, Electron, Vite**

FlashCull Photo Culling Tool (Live Demo)

- Built a high-performance local-first application that handles large file operations directly from disk; deployed as both a web app and an Electron desktop app.
- Implemented advanced caching strategies and web workers to render fast previews for RAW and HEIC image formats.
- Developed a file management system using browser File System Access APIs to securely move and organize files based on user actions.
- Optimized rendering performance, reducing interaction latency by 40% when handling galleries of 5,000+ images.

Experience

Safeline Electricals   **Mumbai, India**

Software Developer (Part-time)   *Aug 2021 – Present*

- Build and maintain the company's customer-facing web presence, ensuring high availability and SEO optimization.
- Implement responsive UI components and modern navigation using semantic HTML, CSS, and JavaScript.
- Collaborate directly with stakeholders to translate business requirements into technical features and deploy updates to production.

Education

Pace University   **New York, NY**

Master of Science in Computer Science, GPA: 3.66   *May 2024*

- *Relevant Coursework:* Algorithms and Computing Theory, Database Management Systems, Distributed and Parallel Computing, Mobile Web Development, Web Computing.

University of Mumbai   **Mumbai, India**

Bachelor of Engineering in Computer Engineering

Awards

Pace University

Project Planet USA Contest Winner

Awarded $15,000 grant for a sustainability technology project proposal.