BIPIN KALAKHETI

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<u>LinkedIn</u> — <u>Portfolio</u> — <u>GitHub</u>

Summary

Dedicated Software Engineering graduate with strong full-stack development experience demonstrated through multiple production-ready applications. Proficient in modern web technologies and best practices, with a proven track record of building scalable solutions using React, Node.js, and cloud services. Early tech enthusiast with a background in computer science fundamentals and a passion for continuous learning and innovation. Seeking a software engineering internship to leverage technical expertise while contributing to impactful projects.

Education

Centennial College   **Sep. 2022 – Apr. 2024**

Software Engineering Technician Diploma — GPA: 3.8   *Toronto, ON*

- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management, Software Testing, UI/UX Design
- Completed comprehensive software development projects applying Agile methodologies and industry best practices

Technical Skills

Programming Languages: JavaScript (ES6+), TypeScript, Python, Java, C/C++, HTML5, CSS3
Frontend Development: React.js, Next.js, Redux, Context API, Tailwind CSS, SCSS, Material-UI, Responsive Design
Backend & Database: Node.js, Express.js, RESTful APIs, MongoDB, Firebase, MySQL, WebSocket, Authentication
Cloud & DevOps: Firebase (Auth, Hosting, Storage), Vercel, MongoDB Atlas, CI/CD, Git, GitHub Actions
Development Tools: VS Code, Postman, Chrome DevTools, npm/yarn, Jest, ESLint, Webpack, Vite
Methodologies: Agile/Scrum, Test-Driven Development, Object-Oriented Design, MVC Architecture

Projects

KhajaGhar Food Ordering Platform | *React, Node.js, Express, MongoDB, Stripe* | <u>GitHub</u>   **2024**

- Architected and deployed a full-stack food delivery application with microservices architecture and real-time order tracking
- Implemented secure user authentication, role-based access control, and integrated Stripe payment gateway for transactions
- Developed scalable RESTful APIs with Node.js/Express.js, achieving 95% test coverage and comprehensive error handling
- Optimized MongoDB database with proper indexing and caching strategies, reducing query response times by 40%

GuffGaff Real-time Chat Application | *React, Firebase, WebSocket, Zustand* | <u>GitHub</u>   **2023**

- Built a scalable real-time chat platform using React and Firebase, implementing WebSocket for instant messaging
- Engineered secure user authentication system with Firebase Auth, supporting email and social login integration
- Implemented efficient state management using Zustand and React hooks, improving application performance by 30%
- Designed responsive UI components with modern CSS techniques and error boundaries for enhanced reliability

RojGar Job Tracking System | *Next.js, TypeScript, Prisma, Clerk* | <u>GitHub</u>   **2023**

- Developed a full-stack job application tracking system using Next.js and TypeScript with strict type safety
- Integrated Clerk for secure authentication and Prisma ORM for efficient database operations and migrations
- Implemented data visualization using Recharts and responsive design with Tailwind CSS for optimal user experience
- Utilized React Query for efficient server state management and caching, reducing API calls by 50%

Additional Technical Experience

Open Source Contributions & Self-Study   **2022 – Present**

- Completed Harvard's CS50 course, implementing projects in C, Python, and JavaScript while maintaining clean code practices
- Developed strong foundation in computer security through practical experience with Linux systems and networking tools
- Actively contribute to open-source projects on GitHub, focusing on web development and user interface improvements