Vipin Menon

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Professional Summary

UI Engineer with 3+ years of experience specializing in React, Next.js, and TypeScript. I build fast, scalable, and aesthetically clean UIs with a focus on developer experience, design systems, and product-first thinking. Passionate about bridging AI, data, and frontend technologies to deliver impactful digital experiences.

Skills

- **Frameworks & Libraries:** React.js, Next.js, Vue.js, Express.js, Node.js
- **Languages:** JavaScript, TypeScript, CSS3, HTML5
- **Styling:** TailwindCSS, Bootstrap, SCSS, SASS, RadixUI, MaterialUI, ChakraUI, Figma
- **Testing and State Management:** Vitest, Jest, React Testing Library, Zustand
- **Data Visualization:** Apache ECharts, HighCharts
- **Version Control and Deployment:** Git, Jenkins, Vercel, Netlify
- **Tools:** Jira, GitHub, Postman, Docker

Experience

UI Engineer, Prevalent AI – Kochi, Kerala, India (*Dec 2024 - Present*)

▷ **Exposure Management**

- Developed the frontend interface for an AI-powered exposure management platform identifying and prioritizing cyber risks.
- Implemented interactive charts, optimized caching, built modular GraphQL-driven components.
- **Stack:** React.js, TypeScript, Tailwind, Radix UI, Zustand, GraphQL, Apache ECharts, Vitest

▷ **Data Quality**

- Built interfaces for entity resolution and data consistency validation across the Security Data Fabric.
- Created anomaly detection dashboards reducing manual QA efforts by 40%.
- **Stack:** React.js, Zustand, SCSS, TailwindCSS, Flow

▷ **Additional Contributions**

- Collaborated with backend and product teams on evolving API schemas and AI-driven workflows.
- Contributed to internal design system component standardization.
- Improved performance, accessibility, and UI/UX consistency.

Junior UI Engineer, Prevalent AI – Kochi, Kerala, India (*Jun 2022 – Dec 2024*)

▷ **Enterprise Solutions for Security Data Analysis**

- Contributed to a security analytics suite covering entity inventory, asset management, vulnerability analytics, and controls monitoring.
- Developed dynamic data visualizations, responsive layouts, and accessibility improvements.
- **Stack:** React.js, TypeScript, Bootstrap, Zustand, HighCharts, Jest, RTL

▷ **SDS Studio (Admin Workbench)**

- Designed and implemented configuration tooling for big-data pipelines.
- Streamlined workflows reducing manual intervention by 50%.

▷ **Other Contributions**

- Built reusable UI utilities, improved app performance via refactoring and code splitting.
- Contributed to shared component libraries and documentation.

Education

- **JCT College of Engineering and Technology**, BE Mechanical Engineering (*Aug 2017 – Aug 2021*)
- **Skill Safari**, Full Stack Web Development - MERN Stack (*Oct 2021 – May 2022*)

Projects

▷ **AI Resume Analyzer**
- AI-powered resume analysis tool comparing CVs against job descriptions.
- Provides ATS score, keyword optimizations, and actionable improvements.
- **Tech Stack:** Next.js 16, TypeScript, Tailwind CSS 4, OpenRouter API

▷ **Prompter**
- Converts rough ideas into refined AI prompts using free Groq/Hugging Face models.
- **Tech Stack:** Next.js 16, TypeScript, Tailwind CSS 4, Groq API, Hugging Face

▷ **Vector Magic**
- Transform text descriptions into beautiful SVG graphics using AI.
- **Tech Stack:** Next.js 16, TypeScript, Tailwind CSS 4, Groq API

▷ **Mapty**
- VanillaJS workout/activity tracker with integrated map UI and local storage.

Languages

- English
- Malayalam
- Tamil