
MATESHWARI PRASAD VERMA

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Summary

Full Stack Developer with over 4 years of experience in React.js and Next.js, specializing in scalable web applications. Proficient in JavaScript (ES6+), TypeScript, Node.js, and MongoDB. Experienced with integrating Large Language Models (LLMs) and optimizing performance. Strong problem-solving skills with expertise in data structures and algorithms.

Experience

Senior Software Engineer

05/2023 to Current

Slate Technologies

Bangalore, India

- Improved data visualization for B2B construction software by integrating 3D model rendering into **Slate.ai**, enabling intuitive interaction with construction project data, and enhancing decision-making efficiency.
- Developed scalable UI components and AI-driven features using React.js, Redux, LLMs, and Material-UI, automating project analysis, optimizing performance for large-scale construction projects, and mentoring junior developers.
- Tech:** React.js, Redux, Material-UI (MUI), GraphQL, Three.js, OpenAI (LLMs)

Software Engineer

05/2022 to 01/2023

Determinant Studios

Bangalore, India

- Led the front-end development of **smorgborg.org**, delivering a robust feature set and creating a highly intuitive, user-centric interface to enhance user engagement.
- Designed and built a custom email template editor similar to the Unlayer open-source library, utilizing React.js, Redux, Tailwind CSS, Node.js, and CKEditor with a strong focus on performance optimization and smooth user interactions.

Software Engineer

11/2020 to 04/2022

Techvedika Software Pvt. Ltd

Hyderabad, India

- Developed secure authentication, a user-friendly dashboard, and real-time features like job posting and tracking for **Prosper.care** job portal.
- Designed reusable UI components, optimized performance with lazy loading and code splitting, and ensured responsive design across devices.
- Tech:** JavaScript, React.js, Redux, Material-UI, Node.js, MongoDB

Skills

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| <ul style="list-style-type: none">JavaScriptReactJsNextJsReduxTypeScriptHTML5, CSS3, Tailwind CSS | <ul style="list-style-type: none">Data Structures, AlgorithmsLLMsFrontend System DesignNodeJs, MongoDBRESTful APIs, GraphQL, Api IntegrationAWS, Vercel, Git, Jira Software, Jest |
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Personal Projects

Notion Clone

- Developed a Notion-like application with core features including secure authentication (Clerk), a rich- text editor, web publishing, real-time data synchronization (Convex), and nested documents.
- Implemented responsive design ensuring compatibility across various devices.
- Ensured high performance and scalability by optimizing data structures and application logic.
- Conducted thorough testing and debugging to maintain high code quality and reliability.
- Utilized ReactJS, Next.js, Tailwind CSS, and Edge Store.
- Live site : <https://notion-mateshwari.vercel.app/>

InterviewPro.info

- Created InterviewPro.info, a free platform for technical interview preparation covering topics such as DSA, JavaScript, ReactJS, Node.js, and Next.js.
- Designed an intuitive user interface to enhance the learning experience and improve user engagement.
- Implemented search and filtering capabilities for easy navigation of content.
- Ensured high performance and scalability by optimizing the codebase and leveraging Next.js for server-side rendering.
- Utilized ReactJS, Next.js, Tailwind CSS, and Nextra.
- Live site: <https://interviewpro.info>

Genius | SaaS AI Platform | LLMs

- Integrated OpenAI and Replicate AI, leveraging LLMs for conversation, image, code, and music generation features.
- Implemented secure authentication using Clerk and managed monthly subscriptions with Stripe.
- Developed a responsive and intuitive UI using React.js, Next.js, and Tailwind CSS, ensuring a seamless user experience.
- Tech: React.js, Next.js, Tailwind CSS, MongoDB, Clerk, Crips, OpenAI (LLMs)
- Live: <https://genius-code.vercel.app/>

Education

B.Tech in Computer Science & Engineering

SR Institute of Management & Technologies
GPA: 8.00/10.0

05/2020

Lucknow, India

Class XII UP-Board

City Montessori School Balrampur
Percentage: 86.60%

05/2014

Balrampur, UP

Links

- <https://github.com/mpv33>
- <https://www.linkedin.com/in/mateshwari-verma-a41143168/>
- <https://mateshwari.vercel.app/>
- <https://leetcode.com/u/mateshwari33/>
- <https://www.hackerrank.com/profile/mateshwari33>