

Md Zaid Siddiqui

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EXPERIENCE

Software Engineer

Mar. 2025 – Present

Vujis

Hyderabad, TG

- Leading integration of **OpenAI APIs** to build custom AI pipelines processing **50k+ records** daily, reducing manual data analysis time by **60%** and automating insight extraction across **4+ dataset categories**.
- Architected and integrated **OpenSearch** across **3+ core modules**, implementing full-text search, faceted filtering, and index mapping optimizations, reducing average search query response time by **72%** (1.8s to 500ms) and improving search relevance for **100k+ indexed documents**.
- Optimized **8+** critical **Node.js** APIs by refactoring middlewares and with efficient pagination, reducing average endpoint latency by **64%** (2.5s to 910ms) and boosting data throughput **10×** (2k to 20k rows).
- Delivered a **S3 image compression pipeline** using **Node.js** and **cWebP**, processing **1,400+ product images**, reducing storage by **95.6%** (2.05 GB to 91.6 MB) and improving image load times by **71%** (2.75s to 800ms).

Full Stack Developer

Aug. 2024 – Feb. 2025

Scallio Digital

Kolkata, WB

- Architected a lead nurturing platform serving **5k+ active users** using **React.js** and **Shadcn UI**, leveraging **Zustand** for state management reducing render cycles by **20%** across **40+ components**.
- Developed **20+** scalable RESTful endpoints using **Node.js** and **Express.js**, deploying on **AWS** with CI/CD pipelines achieving **99.9%** uptime and cutting deployment time by **50%**.
- Implemented **input debouncing**, **server-side pagination** handling **30k+ records**, across **8** data-heavy views, improving perceived load times by **25%** while maintaining real-time CRM synchronization.

Software Developer

Dec. 2023 – Jul. 2024

Mocero Health Solutions

Chennai, TN

- Spearheaded development of a markdown editor with **React.js** and **Redux Toolkit** integrating a Notion-like WYSIWYG interface used by **200+ internal users**; resolved **17+** critical bugs reducing crash rate by **65%**.
- Implemented scalable file storage with **AWS S3** handling **1k+ daily uploads** using **Node.js** and **Express.js**, building secure pre-signed URL workflows reducing upload latency by **30%**.
- Optimized application performance across **27+ components** by leveraging **Context API** for scoped state management and **React.memo** reducing unnecessary re-renders by **40%** and cutting page load time by **800ms**.

PROJECTS

Live Polling System | *React, Express.js, Socket.io, Tailwind CSS, MongoDB*

[Live URL](#)

- Developed a real-time classroom polling system supporting **100+ concurrent users** with distinct teacher-student interfaces, achieving sub-**200ms** latency via **Socket.io**.
- Crafted a poll creation dashboard for teachers with tracking of **50+ polls** and detailed response analytics.
- Integrated **MongoDB** with indexed queries for storage of **10k+ responses**, reducing query time by **40%**.

React-Terminal (Open-Source Library) | *React, TypeScript, Styled-Components*

[Repository URL](#)

- Published an interactive Bash-like terminal component for React with **TypeScript** support, garnering **15+ stars** and **620+ npm downloads**.
- Engineered a command processor with pseudo file system supporting **8+ built-in commands** with full path resolution and nested directory traversal.
- Designed a customizable API with **10+ configurable props** for theming and custom commands, enabling zero-dependency integration into any React project.

TECHNICAL SKILLS

Languages: Java, TypeScript, SQL (PostgreSQL), JavaScript, HTML/CSS

Frameworks: Next.js, React, Node.js, Express.js, Material-UI, AntDesign, Tailwind CSS

Developer Tools: Git, GitHub, BitBucket, VS Code, IntelliJ, Eclipse, Linux

Cloud Platforms: AWS EC2, App Runner, Amplify, Aurora, S3

EDUCATION

Sur Institute of Technology

Bachelor of Technology in Computer Science and Engineering, CGPA: 8.38/10.0

Kolkata, WB

Oct. 2020 – June 2024