Tushar Saini

Full Stack Developer

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Summary

Engineered new features within existing applications leveraging TypeScript, Postgresql, AWS, Node.js, and React.js, which improved overall system performance metrics by resolving three major bottlenecks identified in initial diagnostic assessments conducted post-launch.

Experience

Genefied   April 2023 – Current
Software Developer Engineer   *Delhi*
- Led SaaS development with a focus on robust multi-tenant architecture which increased the delivery by 4 times.
- Improved API response time by 25% and reducing server load by 30%.
- Led a cross-functional team in implementing a new feature using React and Redux, resulting in a 20% increase in user engagement within the first month.
- Optimized postgresql database queries, reducing page load times by 15% and enhancing overall performance.

LOBB Logistics   Oct 2022 – March 2023
Backend Engineer   *Bangalore, Karnataka*
- Implemented a cost-effective serverless design using Aws cdk, leading to a reduction in monthly hosting expenses. .
- Introduced automated testing processes with Jest, increasing test coverage by 30% and Reducing post-release defects by 25%.
- Led data migration from firestore to PostgreSQL, optimizing backend and reducing server resource usage by 30%.

Appsdeployers   April 2022 – Aug 2022
Full Stack Developer Intern   *Mumbai, Maharashtra*
- Designed responsive user interfaces with react, leading to a 15% improvement in user satisfaction.
- Built scalable Node.js APIs, increasing concurrent user capacity by 25% with stable response times.

Technical Skills

Languages: C/C++, Javascript, TypeScript.
Frontend Technologies: React, Redux-Thunk, RTK Query, Tailwind CSS, Styled-Components, Next.js.
Backend Technologies:Node, Express, REST, Docker Compose, Kafka, Git, GitHub.
Databases: Postgresql, MySql, MongoDb, Redis.
Cloud Service : EC2, Lambda, S3, SQS, AWS CDK.

Education

Mukand Lal National College   Aug 2019 - May 2022
BSc. in Information Technology   *Yamunanagar, Haryana*
Kendriya Vidyalaya Ordnance factory   April 2018 - March 2019
Class XII in CBSE board   *Muradnagar, Ghaziabad, UP*
Kendriya Vidyalaya No: 2   April 2016 - March 2017
Class X in CBSE board   *Ernakulam, Kochi, Kerala*

Projects

Genefied Enterprise SaaS | *React.js, Redux, RTK Query, Node.js, Postgresql*, AWS, Redis, Kafka, Docker, Docker Compose
- Led the development of a microservices-based SaaS platform From Scratch, 30% increase in client on-boarding.
- dynamically creates panels for companies, allowing theme customization for brand alignment. and Ensured data isolation and security with Multi - tenant, and using database side caching which increase API response By 15%.
- Developed robust SMS, Whatsapp, and Payment service and increase QR-generation capacity to 50 lakh.

Ecommerce-Website | *Node.js, Express, React.js, redux, redux-thunk, react-bootstrap, MongoDb*
- A full-featured MERN stack shopping platform with secure user authentication, payment processing, and an adaptive cart and checkout experience.

Paint-Application | *Node.js, React.js, Express, styled-components, Socket.io, fabric.js, MongoDB*
- A collaborative painting app enabling users to create artwork together in real-time with features like a shared canvas, chat, and user dashboard .

Whatsapp-Clone | *Node.js, React.js, Express, styled-components, Socket.io, MongoDB*
- A MERN stack WhatsApp replica featuring Google login, real-time messaging, and a user dashboard with live interactions using Socket.io.