Dev Raghav

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SUMMARY

Highly motivated **Full-Stack Developer** with a strong foundation in **Problem Solving** and core **Computer Science** concepts. Skilled in **JavaScript**, **React.js**, and **Node.js**, with experience building scalable web apps, integrating **RESTful APIs**, and working in **Agile** teams. Proficient in **CI/CD**, **Docker**, **Kubernetes**, and deployment on **AWS**. Comfortable with both **SQL** and **NoSQL** databases and modern UI frameworks such as **Tailwind CSS** and **Bootstrap**.

TECHNICAL SKILLS

Languages: C++ , JavaScript, Java
Front-End Technologies: React.js, HTML, CSS
Back-End Technologies: Node.js, Express.js
Databases: Relational and Non Relational Databases
Core CS Concepts: DSA,LLD, OOP, DBMS, OS, CN
Tools: Docker, Kubernetes, AWS (basic deployment)

Education

Dr. A.P.J Abdul Kalam Technical University	UP, India
Bachelor of Technology in Computer Science and Engineering	*Aug. 2019 – April 2023*
The DPSG I	UP, India
Class XII	*1 May 2018 – May 2019*

Experience

Software Development Engineer (SDE-1) — May 2023 – Present
OSN InfoTech (INDIA) Pvt. Ltd — *Noida, UP*

- Designed and implemented scalable RESTful APIs using a clean MVC architecture, supported by database indexing and server-side caching via AWS ElastiCache to optimize performance and reduce query load.
- Improved system scalability by introducing clusterization and load balancing, achieving a 18% performance gain under high-concurrency scenarios.
- Enhanced backend reliability and maintainability by containerizing services with Docker, deploying on AWS EC2, and contributing to Kubernetes auto-scaling and infrastructure setup.
- Optimized frontend performance by applying lazy loading, image optimization, and client-side caching, reducing API calls by 12% and improving resource efficiency.
- Reduced unnecessary re-renders by 20% through strategic use of memoization, throttling, and debouncing in high-frequency UI components.
- Collaborated with cross-functional teams and stakeholders to deliver user interfaces aligned with business goals, ensuring clean user experiences and consistent functionality.
- Maintained code quality through clear documentation and structured annotations, streamlining onboarding and easing long-term project maintainability.

Projects

<u>Slack Fullstack Clone</u> | *Next.js, TypeScript, Tailwind CSS, ConvexAuth, Socket.io, ConvexDB*

- Built a full-stack real-time Slack clone with messaging, threads, reactions, message editing, and role-based access using Socket.io, ConvexDB, and ConvexAuth.

<u>ShoeStore</u> | *Next JS, TypeScript, Tailwind CSS, shadcn-UI, NodeJs, Express, Neon ORM, Prisma DB, Upstash*

- Developed an e-commerce site with Stripe payments, dynamic cart using Upstash, admin analytics via Recharts, and backend powered by Prisma + Neon DB.

<u>MERNEats</u> | *ReactJS, TypeScript, NodeJS, Express, MongoDB, Mongoose, Tailwind CSS, shadcn/ui*

- Created a food-ordering app with secure Auth0 login, real-time order tracking, and MongoDB + Mongoose backend with responsive UI using Tailwind CSS.