Arun Krishna K T

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LinkedIn - GitHub - SurfApp - Portfolio

Professional Summary

Full Stack Web Developer with 3 years of experience building and maintaining scalable product-based applications using the MERN stack. Passionate about writing clean, maintainable code and building impactful software. Proficient in core JavaScript concepts with hands-on experience across DevOps and cloud ecosystems.

Technical Skills

- JavaScript, TypeScript

- React, React Native, Redux, Next.js, Jotai, Three.js, Framer Motion

- Node.js, Express, NestJS

- MongoDB, SQL

- Microservices Architecture, Caching

- Docker, CI/CD, Git, Vitest, Jest

- GCP, AWS, Netlify

- Sentry, Grafana, Prometheus, Linux CLI

- GraphQL, REST API, MQTT, WebSockets

- Tailwind CSS, Material UI

Professional Experience

- **Full Stack Engineer**   **Livello Technologies, Hyderabad**
  Jul 2023 – Present

  - Refactored a legacy **React** app to **TypeScript** powered, improving readability and performance by 3x using **memoization**, **lazy loading**, and **error boundaries**.
  - Integrated **Sentry** for real-time error tracking, reducing debugging time by 40%.
  - Implemented **server-side request caching** in NestJs, reducing **database queries** by approximately 70%.
  - Set up gitlab **CI/CD pipelines** with **build**, **test**, and **deploy** stages to streamline development.
  - Created system diagrams using **Draw.io** and **Excalidraw** to enhance team collaboration.
  - Optimized **GraphQL** queries with **ResolveField** and proper **type injection**.
  - Handled **log monitoring** with **GCP Log Explorer** and **Grafana**.
  - Refactored **E2E tests** with **Vitest**, resulting in 200% faster **CI pipeline** performance.
  - Reviewed merge requests to ensure code quality and maintainability.

- **Full Stack Developer**   **HashIt Solutions, Kochi**
  Feb 2023 – Jun 2023

  - Led a frontend team to build a dynamic SPA using React, Tailwind, Material UI, and Framer Motion.
  - Implemented parallax animation features that received client praise.
  - Developed an interactive **Employee Management System** using **React**, providing features such as employee listing, creation, and status tracking. Integrated the frontend with a robust **Python-based REST API**, ensuring smooth data flow and secure communication. Focused on modular UI components and responsive design for optimal user experience.

- – Followed standard practices including Git workflows and code documentation.

- **Full Stack Intern**   **Crossroads, Calicut**
  Jun 2022 – Feb 2023

  - – Gained hands-on experience in full stack development and SDLC.

  - – Built and deployed an e-commerce application with Razorpay integration.

  - – Developed and launched the initial version of Surf SocialApp.

Projects

- **Surf SocialApp**   surfgo.netlify.app
  A fully-featured **social media platform** developed to showcase end-to-end **full stack expertise**. Includes functionalities such as **user registration** with **email verification** via **SendGrid**, **post creation**, **liking**, **commenting**, and **real-time chat** via **WebSockets** (**Socket.io**). Built using a **microservices architecture** with **NestJS** on the backend and a **React** frontend, the app is containerized with **Docker** and deployed on **AWS EC2** using **Ansible** for automation. **MongoDB** is used as the primary data store.
  Tech: React, NestJS, MongoDB, Socket.io, SendGrid, Docker, Ansible, AWS, Vitest

- **Qcart**
  Responsive e-commerce platform supporting cart, wishlist, infinite scroll, checkout, and discount coupons. Integrated with Razorpay for seamless payment handling and deployed on AWS EC2.
  Tech: Express, MongoDB, EJS, Razorpay, AWS

Education

- **Bachelors in Computer Applications**   **University of Calicut**
  Jul 2019 – Mar 2022 — GPA: 7.4
  Relevant Coursework: Computer Architecture, Communication Protocols, Algorithms, Internet Fundamentals