Nikunj Khakhkhar

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Technical Skills

Programming/Coding Language: C++
Backend Tech: Flask, SpringBoot, REST API, Nodejs, FastApi
Frontend Tech: ReactJS, HTML, CSS, JavaScript, SASS, Next.js
Databases: MySql, MongoDB, Postgres, ElasticSearch
Devops: Kafka, Cloud, AWS, Linux, Git, Docker, Jenkins, Kubernetes, Terraform
Open Source contribution: Mosip-ID Authentication

Experience

Spirinova Technologies Pvt Ltd   Dec 2024 – Present
Software Development Engineer - II   *Remote*
- Developed the front-end for **Building Reecap**, an AI-first analytics tool for HR, from **Figma designs**, implementing key UI components using **Plotly.js, Moment.js, Web Vitals, and Zod**.
- Contributed to backend improvements, including **drilldowns, filtering, and global filters**, by optimizing data extraction from **SuccessFactors' OData API** and performing **ETL** operations. Designed and implemented **API endpoints** using **FastAPI (Python)** and integrated them with **OpenSearch API**

Qualcomm India Private Limited   Jul 2023 – Aug 2024
Software Development Engineer   *Hyderabad*
- Developed a full-stack tool to automate configuration file generation, enhancing the debugging process for customer issues. Used **Node.js, Express, EJS,** and **Multer** for the backend, with **React** for the frontend, and MongoDB for configuration template storage, including seed data population for standardization.
- Contributed to feature development for a three-way file merge tool, enabling comparisons between multiple file versions and the original for efficient conflict resolution. Implemented algorithms for difference identification and merging using JavaScript, Node.js, and data diff libraries.

Qualcomm India Private Limited   Jan 2023 – Jun 2023
Software Development Engineer - Intern   *Hyderabad*
- Designed a MERN stack application to parse large log files and generate tags based on error messages and log levels, significantly reducing debugging time for the graphics team. Implemented the frontend in React for enhanced user interaction and visualization.

Projects

Ecommerce Application | *MongoDb, Express, React, NodeJS, HTML, CSS, JavaScript*   Live Project — GitHub Repository
- Developed a comprehensive full-stack e-commerce platform, implementing essential features such as authentication, product search and browsing, pagination, category-based filtering, shopping cart, and a seamless checkout process.
- Utilized Redux for efficient state management, leveraged Cloudinary for image storage, employed Nodemailer for seamless email notifications, and integrated Stripe as a payment gateway for enhanced transaction capabilities.

iGlobe | *MySQL, Java, Spring Boot, React, Docker, Jenkins, HTML, CSS, JavaScript*   GitHub Repository
- Developed a comprehensive Full Stack project to create a platform for college students to buy, sell, and donate items within the college community. Leveraged MySQL databases, Java with Spring Boot, and React to implement this initiative.
- Implemented a streamlined CI/CD pipeline using Jenkins for automatic GitHub repository updates. Utilized GitHub, Jenkins, Docker, and Ansible to facilitate efficient code integration, testing, and deployment of new features.

Railway Ticket Booking System | *System calls in C*   GitHub Repository
- Designed a user-friendly and versatile Railway Ticket Booking system, implementing Linux system calls. Developed as a Client-Server application, the system offers enhanced functionality and ease of use.

Education

International Institute of Information Technology (IIIT) Bangalore   July 2021 – July 2023
Master of Technology in Computer Science   *7.75 out of 10*
Gujarat Technological University   July 2016 – May 2020
Bachelor of Engineering in Computer Science   *8.57 out of 10*