Nandkishor R

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Education

College of Engineering Chengannur, Alappuzha, Kerala 2021 – 2025
B.Tech in Computer Science and Engineering

Experience

Product Engineer, Open Healthcare Network Foundation (OHCN) June 2026 – October 2026

CARE – Open-source Healthcare Platform

- Enhanced CARE's product quality and reliability by resolving issues, refining existing workflows, and delivering enhancements across product components.
- Contributed to Beckn Protocol and CCN integrations, and developed CARE plugins to deliver additional capabilities in response to user and facility requirements, including encounter auto-close workflows and CARE Experience sandbox generation.

Junior Backend Developer, PupilFirst May 2025 – June 2026

CARE – Open-source Healthcare Platform

- Developed backend test cases and worked on test-coverage reporting to support CARE's quality and reliability.
- Built Locust-based load-testing scripts and scenarios to simulate application workflows under concurrent load.
- Contributed to CCM integration with UHI and Beckn Protocol.

Backend Engineer (Part-Time), Panpalz May 2024 – Jan 2025

Node.js, Express.js, AWS RDS, AWS DynamoDB, Jest, Git, Kanban Flow

- **Remote Collaboration** – Worked with a cross-functional team in California while based in India, ensuring seamless communication across time zones.
- **Scalable Backend Development** – Built backend features with **Express.js**, managed user data with **AWS RDS**, and optimized message storage with **DynamoDB**.
- **Robust Testing & Agile Workflow** – Ensured **100% test coverage** using **Jest** and actively participated in weekly meetings & 12-hour weekend hackathons for feature development.

Software Developer Intern, Motiv8 September 2023 – April 2024

React.js, Node.js, Express, MongoDB, AWS (Lambda, Amplify, IAM), REST API

As an **Intern**, I contributed to an internal dashboard web app, enhancing efficiency through:

- **Enhanced UI & Engagement** – Developed a dynamic and accessible interface using **React.js & TypeScript**, improving user experience and feature adoption.
- **Scalable API & Data Flow** – Built and optimized backend services using **Node.js & MongoDB**, integrated **Recoil for state management**, and implemented **JWT & Google Auth** for secure authentication.
- Deployed on **AWS**, ensuring high availability and performance, with iterative improvements through **weekly Agile reviews**.

Technical Skills

Languages: Python, JavaScript, TypeScript, Java, SQL, C, C++
Backend: Django, Django Ninja, FastAPI, Node.js, Express
Databases: PostgreSQL, MySQL, MongoDB, AWS RDS, DynamoDB, Redis
Libraries & Frameworks: React.js, Next.js, Redux, Tailwind CSS, Recoil, Celery
Tools & Infrastructure: Git, GitHub Actions, Docker, Postman, AWS, Jest, Locust

Publications

DeLock: Secure Blockchain Based Decentralized Application For Government Issued Documents December 2024

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