Baranidharan

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Summary

Full-Stack Developer with 2 years of experience in building scalable web applications using React, FastAPI, SQL (MySQL), and AWS. Skilled in frontend development (React, Redux, JavaScript, HTML, CSS) and backend API development with FastAPI and Python. Experienced in REST API integration, and database optimization.

Work Experience

Full-Stack Developer, Vebbox Software Solution   May 2023 – Present

- Developed and maintained responsive web applications using React, HTML, CSS, and JavaScript.
- Implemented Redux for efficient state management, improving application performance and maintainability.
- Designed and integrated REST APIs using FastAPI, ensuring seamless data flow between front-end and back-end.
- Optimized UI components and SQL (MySQL) queries to enhance performance and accessibility.
- Developed APIs for AWS services (S3, EC2) to improve cloud-based applications.
- Worked in an Agile environment, participating in sprint planning, code reviews, and debugging critical issues.

Project Trainee, Zoho   Jan 2023 – Feb 2023

- Developed a command-line social network app in Python, featuring user registration, posting, and messaging.
- Created a responsive web interface using HTML, CSS, and Javascript for enhanced user experience.
- Designed and implemented the back-end in Python, utilizing data structures like lists and dictionaries to manage user data.

Skills

Technical Skills: HTML, CSS, JS, React, Redux, Python, FastAPI,SQL
Soft skill: Team Collabration, Problem - Solving, Focused Enthusiam, Continuous Learning
Dev Tools: Git, VS-Code, Version Control, npm, JIRA, AWS

Education

Master of Computer application   Jan 2024 – Feb 2026
 B.S.Abdur Rahman Crescent University, (Online/Distance)   CGPA : 7.40
B.Sc.Computer application & Mathematics   June 2020 – May 2023
 Sastra Deemed to be University, Kumbakonam   CGPA : 7.025

Projects

Finance Management System

- Designed and deployed a Finance Management System with Admin and Collection Agent modules using React.js (Frontend) and FastAPI, SQL (Backend).
- Implemented advanced admin features for user management, group creation, and payment tracking.
- Optimized system architecture for scalability, responsiveness, and seamless frontend-backend integration.

Hospital/Patient Healthcare Tracking System

- Developed and maintained a healthcare management system for seamless patient-doctor interactions, appointment scheduling, and medical record management.
- Implemented role-based authentication (Admin, Doctor, Patient) using FastAPI and React to ensure secure access control.
- Optimized MySQL queries for performance and deployed the backend on AWS EC2, ensuring scalability and high availability.