Amit Patel

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Professional Summary

Fullstack MERN Developer with 3.5+ years of experience in designing, developing, and deploying scalable web applications using **React.js**, **Node.js**, and **MongoDB**. Skilled in RESTful API design, microservices, and CI/CD automation using **OpenShift**. Adept at optimizing performance through caching (**Redis**) and cloud integrations (**Cloudinary**). Passionate about writing clean, reusable code and contributing to Agile development teams.

Tech Stack Summary

Tech Stack: JavaScript (ES6+), React.js, Node.js, Express.js, MongoDB, Redis, REST APIs, Tailwind CSS, Git, OpenShift, Docker, Jenkins, AWS, Jest, Postman

Technical Skills

Languages: JavaScript (ES6+), JSX, C++, MySQL
Frontend: React.js, React Router 6.4+, React Query, Hooks (useEffect, useState), Context API, Component Reusability, Modular Architecture, Tailwind CSS, Bootstrap
Backend: Node.js, Express.js, MongoDB, Mongoose, Redis, RESTful APIs, Microservices
Cloud/DevOps: Cloudinary, OpenShift, Docker, Jenkins, AWS Basics
Tools: Git, GitHub, VS Code, Postman, JIRA, Putty, Service Now
Testing/Monitoring: Jest, Mocha, Sentry, New Relic
Soft Skills: Problem Solving, Team Collaboration, Time Management, Creativity

Experience

Assistant System Engineer, Tata Consultancy Services (TCS), Noida   **March 2022 – Present**
Fullstack Developer | TCS

- Developed and deployed scalable fullstack features using **React.js (frontend)** and **Node.js/Express.js (backend)**.
- Designed and consumed **RESTful APIs**, integrating them with React components for seamless data flow.
- Improved API performance by **35%** using **Redis caching** and optimized Mongoose queries.
- Implemented **JWT-based authentication** and secure session handling for over 1,000+ users.
- Applied **React Query** and **Context API** for efficient state management and data fetching.
- Deployed containerized microservices on **OpenShift** through automated CI/CD pipelines.
- Collaborated within Agile teams, ensuring timely sprint delivery and maintaining 95% feature test coverage.
- Integrated **Cloudinary** for image management and used **Axios** for high-performance API calls.

Projects – Fullstack Development (Personal Projects)

Student Daily Tracking System – Library Management Web App |MERN Stack   **Sep 2025**
(MongoDB, Express.js, React.js, Node.js)
 GitHub Repository | Live App

- Built a **MERN stack** application for tracking students' library activities with CRUD operations.
- Designed and implemented a secure backend using **Node.js + Express.js** connected to **MongoDB**.
- Developed an interactive frontend with **React.js** and responsive UI via **Tailwind CSS**.
- Integrated **Axios** for API calls and optimized component performance with React Hooks.
- Improved data load speed by **25%** through optimized API structure and modular components.

Education

Kamla Nehru Institute of Technology (KNIT), Sultanpur   **July 2017 – Oct 2021**
Bachelor of Technology in Information Technology
CGPA: 7.54/10

Certifications

- Advanced Node.js Development – Coursera (2024)
- AWS Cloud Practitioner – Amazon (2023)
- React Performance Optimization – Udemy (2023)

Achievements / Extracurricular Activities

- Built and deployed multiple fullstack applications using MERN stack, React Query, Context API, and Cloudinary.
- Volunteered as a tutor at Koshish Education and Welfare Society, Sultanpur, UP.