KEVAL PATEL

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EDUCATION

Master in Information Technology, *University of Massachusetts* | Boston **Expected Dec 2025**
Coursework: Object-Oriented Programming, Data Structures and Algorithms and Cloud Computing
Bachelor of Technology in Computer Engineering, *Charusat University* | IND **Apr 2021**

EXPERIENCE

Param IT Solutions | *Software Engineer* **Jan 2022 - Aug 2023**
- Developed RESTful APIs using Spring Boot and Hibernate for cart and payment modules, reducing checkout errors by 20% and improving user conversion rate by 10%
- Refactored legacy JDBC code into Hibernate ORM with optimized HQL queries, cutting DB response time by 25% and stabilizing app performance under load
- Integrated Redis caching for product listings using Spring Boot, lowering API response time from 2s to under 500ms and improving mobile app loading speed
- Designed a dynamic Angular component using reactive forms and custom directives to streamline checkout flow, cutting support tickets by 22%
- Automated 80+ test cases using JUnit and Selenium for login, search, and order flows, increasing release confidence and reducing production bugs by 40%

Chirag Sales Agency | *Full stack developer Intern* **Aug 2020 - Mar 2021**
- Built backend services in Node.js to log employee work hours, ensuring precise daily records and enhancing data accuracy across reporting tools used by 800+ users.
- Integrated AWS S3 for storing client invoice PDFs from the billing module, reducing local storage usage and simplifying retrieval during audits
- Created cron jobs using Node.js to send automated weekly billing summaries via email, helping reduce manual follow-up efforts by the finance team
- Used Axios and React hooks to fetch and display real-time time log data, enhancing user experience with smoother state updates and minimal reloads
- Designed a notification microservice using Spring Boot and REST APIs for real-time alerts on raw material usage and stock levels

TECHNICAL SKILLS

Programming Languages	:	Java, Python, C, C++
Web Technologies	:	HTML, CSS, JavaScript, TypeScript, Node.JS, React, Angular, Spring Boot
Libraries & Frameworks	:	Redux, MVC, Express, Jest, Rest API, Tailwind
Cloud & DevOps	:	AWS, Azure, Docker, Kubernetes
Database Technologies	:	My SQL, Postgres SQL, Mongo DB, Kafka, Redis

PROJECTS

School Management System | *Express, React, Node.JS, MongoDB*
- Developed a school management platform from the ground up using the MERN stack, supporting distinct roles such as Admin, Faculty, and Parents to handle student data, academic performance, and communication channels
- Designed and implemented a modular frontend using React and Redux, ensuring role-specific access, form validation, and consistent state flow across components like attendance tracking, grading systems, and announcements
- Implemented JWT-based authentication, establishing a reliable permission structure and maintaining consistent user experience across login states and page reloads

D2D Services | *React, Node.JS, MongoDB, Express*
- Built a service marketplace connecting providers and consumers through a streamlined full-stack web application where service providers and customers can register, post or request services
- Designed a responsive frontend using React for browsing, and manage bookings, dynamically renders service cards, filtering, and user dashboards, enhancing engagement
- Developed RESTful APIs with Node.js and Express to handle user authentication, bookings, and service listings

Spending SMART | *Next.JS, JWT, Mongo DB, React*
- Created a personal finance management tool for user to log income, categorize expenses, and visualize spending patterns with real-time data interactions
- Implemented secure user login and session management using JWT and server-side authentication
- Designed a modern, interactive dashboard using React and Tailwind CSS to visualize user finances