

KRUNAL DHAVLE

Full Stack Developer

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Motivated and adaptable Full Stack Developer with 1.5+ years of hands-on experience building scalable web applications using React.js, Node.js, TypeScript, and AWS. Strong academic foundation through a UK Master's in Computer Science, complemented by practical freelance and internship work. Proficient in delivering microservice-based systems, cloud-native architectures, and modern DevOps practices. Passionate about clean code, continuous learning, and contributing to high-performing engineering teams.

EXPERIENCE

MERN Stack Developer

Sync Solutions | Remote Full Time | Pune

09/2024 – Present

Working full-time on two enterprise-level real estate projects using the MERN stack and AWS.

- Built and maintained MERN stack apps with modular architecture and reusable components, accelerating development by 30% and improving stability.
- Developed "Red-Riksha" application, a Pune-based ride-sharing app, using scalable backends and WebSockets for real-time tracking, boosting retention in beta.
- Integrated Kafka for asynchronous microservices, optimizing booking workflows and cutting peak-time delays by 40%.
- Managed AWS infrastructure (EC2, S3, CloudFront, RDS) with CI/CD automation, achieving 99.9% uptime and reducing cloud costs by 20%.
- Optimized API requests using JavaScript and caching strategies, reducing page load times by 20%.
- Delivered customizable ecommerce platforms helping small businesses grow their digital presence.
- Enabled real-time sync of orders and inventory via WebSockets, increasing operational accuracy and reducing mismatches by 50%.

Freelance Full Stack Developer

Remote

03/2024 – 08/2024

- Developed and deployed 3+ end-to-end projects using Microservices, RabbitMQ, Redis, Docker, and Jenkins.
- Defined project scope and translated client requirements into clear, actionable plans.
- Led full-cycle project execution, ensuring timely delivery and smooth collaboration with stakeholders.
- Achieved 95%+ positive client satisfaction by delivering high-quality solutions and maintaining proactive communication.
- Wrote and reviewed clean, scalable, and secure code using Node.js and React.js, ensuring high performance under load.

Internship – Full Stack Developer

SkyeLint Technologies Pvt. Ltd. | Mumbai |

08/2021 – 03/2022

Started as a trainee for 2 months, transitioned into a full-time intern for 6 months.

- Developed responsive web applications using React.js and TypeScript, enhancing user engagement by 25%.
- Refactored SQL and NoSQL queries and indexed databases, accelerating data retrieval speed by 15%.
- Contributed to the backend API using Node.js and Spring Boot for legacy software, improving code maintainability and reducing debug time by 30%.
- Assisted DevOps team in Dockerizing key modules and streamlining deployments during CI/CD cycles.

SKILLS

- **Frontend** - React.js, Redux, TypeScript, JavaScript, HTML5, CSS3, Material-UI, RESTful APIs.
- **Backend** - Node.js, Java, Python, Spring Boot, MySQL, MongoDB, PostgreSQL, Redis.
- **DevOps** - AWS, Docker, Kubernetes, Jenkins, Nginx, Linux, Git, GitHub, CI/CD pipelines.
- **Architecture & Tools** - Microservice Architecture , Kafka.

CERTIFICATIONS

- AWS Cloud Practitioner Certification (CLF - C02)
- React Js Certification - Infosys
- Devops Certification Course (Docker, Linux, Kubernetes, Jenkins)
- Advanced Relational DBMS - MySQL

PROJECT

- Distributed Whiteboard Application (*AWS, EC2, S3, RDS, WebSocket, Redis*) [Github](#)
 - Architected an AWS 3-tier system using EC2, S3, and RDS, improving system uptime by 99.9%..
 - Developed a WebSocket-based distributed system, increasing real-time user concurrency by 50%.
 - Enhanced performance using EC2, Load Balancers, and Auto Scaling, cutting latency by 30%.
- Hospital Management Web App(*Javascript , React , Nodejs, MongoDB, Expressjs*) [Github](#)
 - Optimized real-time scheduling with a doctor availability algorithm, boosting booking efficiency by 40%.
 - Integrated JWT authentication and (RBAC), enhancing security and reducing login issues by 80%.
 - Developed a digital prescription module, allowing doctors to generate , share prescriptions in PDF format.
- Stock Control Management System Web App (*React , Java, Spring Boot, Mysql*) [Github](#)
 - Optimized warehouse space by 20% using 2D mapping and dynamic slot allocation algorithm.
 - Reduced vendor restocking costs by 30% with real-time stock alerts and automated purchase orders.
 - Built an interactive admin dashboard with real-time data visualization and advanced inventory controls.
- Crypto Saver (*Java, Cyber Security*) [Github](#)
 - A Java-based system focused on secure file management using advanced cryptography RSA.

EDUCATION

Master of Science in Computer Science (Leicester, England)	09/2022 - 01/2024
University of Leicester	Grade - 3.4/4
BSc in Computer Science (Mumbai, Maharashtra)	09/2018 - 01/2021
University of Mumbai	Grade - 8.4/10

EXTRA CURRICULAR

- Discovered and reported a critical data leak in a live e-commerce platform.
- Completed 100+ LeetCode coding challenges.
- Led an 80-member team as Vice President to successfully organise the departmental event “Ignite”.