

Rushabh Mehta

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EDUCATION

STATE UNIVERSITY OF NEW YORK AT BINGHAMTON

Master of Science in Computer Science

Binghamton, NY

May 2024

Relevant Coursework: Design and Analysis of Algorithms, Database Management, Design Patterns, Cloud Computing

UNIVERSITY OF MUMBAI

Bachelor of Engineering in Computer Science

Mumbai, India

May 2021

Relevant Coursework: Object-Oriented Programming, Operating System, Data Structures, Software Engineering

SKILLS

Programming: Java, JavaScript, Python, TypeScript, HTML, CSS, Bash Scripting

Frameworks: Nest.js, Next.js, React, Angular, Node.js, Flutter, Tailwind CSS, REST APIs, GraphQL

Databases: SQL, MySQL, PostgreSQL, MongoDB, Firebase, Redis, DynamoDB

Cloud Technologies: AWS Lambda, AWS DynamoDB, Azure SQL, Azure Active Directory, Terraform

Devops: Git, Jenkins, Docker, Linux, NGINX, Microservices, Jest, GitHub Actions, Kubernetes

Certifications & Training: AZ-900 Azure Fundamentals, Spring Security Udemy

WORK EXPERIENCE

Web3fusion LLC

Software Engineer

Wyoming, USA

Aug 2024 – Current

- Implemented a web application with 15 screens using React.js and Tailwind CSS enabling users to share content on social media platforms increasing user engagement by 30%
- Developed a backend with Node.js and TypeScript implementing secure user registration and authentication while integrating third-party authentication for social media connections enhancing security by 40%
- Executed state management with React Hooks to optimize data handling and improve data-fetching efficiency by 20%
- Deployed the application with improved request handling and resource distribution leveraging NGINX while managing the PostgreSQL database for over 10,000 users

Millicent Technologies

Software Engineer

Mumbai, India

June 2021 – May 2022

- Developed a web application with React.js and Node.js enabling 500+ patients to connect with doctors via video calls and chat while storing 2000+ patient records and managing in-app prescriptions, improving access to healthcare services
- Deployed scalable RESTful APIs using Docker and Kubernetes in AWS EC2 integrated with AWS DynamoDB to handle high-volume traffic from patient applications ensuring data flow and reducing latency by 35% for real-time data access

Freeloc IT Solutions

Mobile Engineer Intern

Mumbai, India

June 2020 – May 2021

- Architected a queue management mobile application using Flutter and SQLite for 50+ banks and hospitals enabling users to take tokens remotely and reducing in-person wait times by 30%
- Integrated real-time tracking and notifications with Firebase and TypeScript allowing users to monitor their position and increasing user satisfaction by 25%

UNIVERSITY PROJECTS

EasyEmailer | [Github](#)

Sept 2024

- Designed a Chrome extension with HTML CSS and JavaScript to automate cold emailing by collecting recipient details from LinkedIn and integrating with Node.js enhancing email outreach efficiency by 30%
- Enabled multi-resume selection for personalized outreach, improving response rates by 15% through targeted cold emails

MediCare | [Github](#)

July 2024

- Built a scalable Node.js and Flutter based mobile app enabling users to schedule video or in-person doctor appointments
- Implemented AWS RDS with SQL server, AWS Lambda and API Gateway for a serverless architecture with high scalability, ensuring a 99% system reliability using AWS CloudWatch

ShopSmart | [Github](#)

April 2024

- Designed an 8-screen React.js B2C ecommerce clothing web app for traditional outfits with 30+ REST APIs using Node.js reducing load times by 40% and achieving scalability
- Implemented JWT security with role-based access control filters to ensure secure user authentication and authorization enabling efficient storage and tracking of user details across the application
- Optimized CI/CD pipelines using Docker, Jenkins, and Terraform, cutting deployment time by 50% and increasing deployment frequency, resulting in faster feature releases