

Rushabh Mehta

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EDUCATION

STATE UNIVERSITY OF NEW YORK AT BINGHAMTON

Master of Science in Computer Science

Cumulative GPA: 3.23/4.0

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

Binghamton, NY

May 2024

UNIVERSITY OF MUMBAI

Bachelor of Engineering in Computer Science

Cumulative GPA: 3.54/4.0

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

Mumbai, India

May 2021

SKILLS

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

Frameworks: Nest.js, Next.js, React, Node.js, Flutter, Tailwind CSS

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

Cloud Technologies: AWS, Azure, REST APIs, GraphQL

Tools: Git, Jenkins, Docker, Terraform, Linux, NGINX, Microservices, Jest, GitHub Actions

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

WORK EXPERIENCE

Web3fusion LLC

Software Engineer

Wyoming, USA

Aug 2024 – Current

- Developed 15+ responsive web screens using **React** and **Tailwind CSS**, improving user engagement by 30% and reducing load time by 40%
- Designed scalable **Nest.js**-based APIs, handling 500K+ transactions per second and reducing system latency by 35%
- Optimized video processing backend architecture, improving upload speeds by 40% and maintaining 99.8% fault tolerance
- Collaborated closely with cross-functional teams, including **UI/UX** designers, to implement seamless front-end to back-end integration, achieving a 20% increase in customer satisfaction.

Millicent Technologies

Software Engineer

Mumbai, India

June 2021 – May 2022

- Engineered distributed systems using **Node.js**, **AWS**, and **MongoDB**, boosting performance and scalability by 30%
- Built RESTful APIs and integrated **AWS API Gateway** to handle high-volume traffic, ensuring smooth data flow between services and reducing latency by 35%
- Wrote comprehensive **unit tests** and **integration tests** with **Jest**, increasing test coverage by 85%, leading to more stable production deployments

Freeloc IT Solutions

Mobile Engineer Intern

Mumbai, India

June 2020 – May 2021

- Integrated **Firebase** and **TypeScript** to deliver real-time notifications, improving message delivery speeds by 50%
- Deployed **Flutter** applications, reducing server load by 40% using optimized SQL queries and improving performance

UNIVERSITY PROJECTS

HealthCare | [Github](#)

July 2024

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

E-Commerce | [Github](#)

April 2024

- Developed an 8-screen **React.js**-based B2C web app with 30+ REST APIs, reducing load times by 40% and achieving robust scalability
- Enhanced user data security with **JWT** and optimized database performance by 60% with **AWS RDBMS** and **Hibernate**
- Optimized CI/CD pipelines using **Docker**, **Jenkins**, and **Terraform**, cutting deployment time by 50% and increasing deployment frequency, resulting in faster feature releases

Chat Application | [Github](#)

Feb 2024

- Enabled a real-time chat platform using **React.js**, **Node.js**, and **Socket.io**, increasing user engagement by 25%
- Designed a **MongoDB** schema for efficient CRUD operations, improving data management for 500+ users