


Khushi Srivastava

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 LinkedIn

 GitHub

EDUCATION

• **Dr. Ram Manohar Lohia Avadh University, Ayodhya**

Master of Computer Application(MCA)

2020-22

Percentage: 75%

TECHNICAL SKILLS

Languages: Javascript, Python

Tools/Frameworks: Nodejs, VScode, Git, Github, ExpressJS, DBeaver, Postman, Bitbucket

Cloud: AWS S3, AWS Aurora, AWS API Gateway, AWS Lambda, AWS Cognito

Databases: MongoDB, Redis, MySQL, PostgreSQL

EXPERIENCE

e-Mag Solutions

Jan 2023 - Present

Software Developer(Backend(NodeJS))

- Led end-to-end AWS cloud migration (S3, Lambda, Aurora DB), transforming legacy systems into an automated data pipeline that processes more than 100K medical records with 50% improved efficiency.
- Architected enterprise-grade RESTful API infrastructure using AWS API Gateway and Cognito authentication, delivering a secure microservices platform supporting more than 1,000 concurrent healthcare professionals
- Spearheaded comprehensive data modeling strategy and ETL automation, resulting in 60% operational cost reduction while maintaining strict data integrity and HIPAA compliance standards
- Implemented robust security measures throughout the architecture, ensuring end-to-end encryption, role-based access control, and continuous compliance monitoring for sensitive healthcare data
- Managed migration of infrastructure and codebase to AWS cloud, minimizing downtime. Implemented REST API with AWS API Gateway, triggering AWS Lambda for data retrieval from Aurora RDS. Optimized data operations' performance and scalability in AWS environment.
- Architected and implemented end-to-end testing strategy encompassing unit, integration, and penetration testing, achieving 95% code coverage and establishing automated quality gates for secure deployment pipeline
- Developed comprehensive test documentation and quality assurance protocols, including detailed test cases, execution reports, and performance benchmarks.

PERSONAL PROJECTS

E-Commerce Shopping Cart

[\[Link\]](#)

Developed and deployed a secure e-commerce platform, integrating user authentication, product catalog management, interactive shopping cart, and automated order processing, improving transaction efficiency by 30% and securing sensitive data for over 10,000 active users through advanced encryption protocols.

- **Tech Stack:** Javascript, NodeJS, MongoDB, AWS S3.

Book Management System

[\[Link\]](#)

Developed a secure backend for a Goodreads-like platform with RESTful APIs for user management, book cataloging, and reviews. Implemented JWT authentication for secure access and role management. Optimized CRUD operations for efficiency and scalability. Ensured robust security and data integrity throughout development.

- **Tech Stack:** Javascript, NodeJS, MongoDB, AWS S3.

Open to Intern Project

[\[Link\]](#)

Developed the backend for a college internship platform, creating APIs for managing colleges and interns. Integrated AWS S3 for secure and efficient storage and retrieval of college logos, ensuring seamless access to visual assets. Optimized performance and scalability while maintaining a user-centric approach for media handling.

- **Tech Stack:** Javascript, NodeJS, MongoDB, AWS S3

KEY COURSES TAKEN

FunctionUp

July 2022 - Dec 2022

Backend Developer Trainee

- Trained in Backend Development with Node.js, Express.js, MongoDB, Git, and GitHub, developing efficient and scalable applications.
- Proficient in AWS S3 integration, Redis, and caching fundamentals to optimize application performance.
- Actively participated in coding competitions hosted by FunctionUp, gaining experience on platforms like HackerRank, Codezinger, and LeetCode.

CERTIFICATIONS

HackerRank: NodeJS(Basic), Javascript(Basic), Javascript(Intermediate)

Scaler: NodeJS