

Gouse Mohinuddin Khan

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Summary

Final-year Computer Science student with a robust foundation in full-stack development, cloud computing, and DevOps. Proven experience in developing and deploying scalable applications using React.js, Django, Spring Boot, and AWS. Seeking an internship or entry-level role in software development to apply my technical skills, contribute to impactful projects, and grow within a collaborative team environment in a forward-thinking organization. Eager to leverage my hands-on experience in Agile methodologies and cloud technologies to drive innovative solutions.

Education

Bachelor of Technology (BTech) in Computer Science

KL University, Vaddeswaram | 2021-2025 | GPA: 9.07/10

Core courses: Algorithms, Operating System, DBMS, Networks

Senior Secondary Education (11&12th Grade)

Narayana Junior College, Vijayawada | Marks: 954/1000

Skills

Technical Skills

- Programming Languages: C++, Java, Python, JavaScript, SQL
- Frameworks & Tools: React.js, Django, Spring Boot, Git, Jenkins
- Web Development: HTML, CSS, JavaScript, RESTful APIs, Responsive Design
- Database Management: MySQL, MongoDB, PostgreSQL
- Cloud & DevOps: AWS Lambda, AWS Kinesis, CI/CD Pipelines, GCP
- Methodologies: Agile, Scrum

Projects

E-Commerce Web Application, [link](#)

- Revamped a full-stack e-commerce platform utilizing React.js and MongoDB, resulting in a 40% increase in page load speed and enhancing user retention by integrating real-time inventory updates.

- Implemented secure user authentication, advanced state management, and dynamic product listing features, resulting in a 20% faster load time.
- Engineered a robust cart functionality that allowed seamless payment gateway integration, now facilitating over 500 daily transactions while enhancing user experience and engagement across key demographics within the target market.

Student Management System, [link](#)

- Implemented a secure CRUD application for educational institutions, incorporating user authentication and data validation features; enhanced data integrity and reduced unauthorized access incidents by 50% within the first six months of deployment.
- Integrated RESTful APIs for efficient student registration, updating, and real-time data synchronization, reducing manual data entry errors by 30%.
- Optimized the database schema and queries, leading to a 25% improvement in application performance.

Real-Time Data Processing

- Engineered a cost-effective serverless solution leveraging AWS Lambda and AWS Kinesis, resulting in a 60% reduction in infrastructure costs while processing millions of data events daily without sacrificing performance.
- Focused on building a resilient and fault-tolerant architecture, reducing processing latency by 40%.
- Deployed a monitoring and alerting system using AWS CloudWatch, enhancing system reliability and uptime.

Professional Experience

Virtual Job Simulation | Accenture North America Coding: Development & Advanced Engineering

- Developed a search function using Java and Spring Boot to enhance application functionality.
- Managed deployment processes using Jenkins, ensuring continuous integration and delivery.
- Applied Agile Methodology for efficient project planning and execution.

Data Analyst Intern | Accenture

Project: Navigating Numbers

- Applied data analytics and visualization skills to advise a social media client on content creation strategy.
- Analyzed user engagement metrics to identify trends and optimize content performance.
- Utilized tools like [specific tools, e.g., Excel, Tableau, Python, etc.] to generate actionable insights.
- Presented findings and recommendations to improve client's social media strategy.

Certifications

AWS Certified Cloud Practitioner, [link](#)

- Gained practical experience in AWS services and cloud computing fundamentals.

Red Hat Certified Enterprise Application Developer, [link](#)

- Completed hands-on practical exams on Java EE Enterprise Edition.

Hacker Rank SQL Intermediate Certification, [link](#)

- Demonstrated proficiency in SQL queries, database management, and data manipulation techniques

Soft Skills

- Communication, Problem-Solving, Teamwork, Time Management, Critical Thinking, Adaptability, Leadership

Languages

- English, Telugu, Hindi, Urdu