

ADARSH KUMAR

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SUMMARY

Software Engineer experienced in building scalable backend and full-stack applications using Java, C#, modern JavaScript/TypeScript frameworks, and AWS. Skilled in end-to-end ownership and delivering production-ready solutions.

WORK EXPERIENCE

- Software Developer** Jan 2025 - Dec 2025
Northwest Missouri State University - LTC | Maryville, MO
- Engineered a production-grade application used by **5,500+ students**, integrating Canvas LMS REST APIs and daily scheduled jobs to keep course data synchronized and provide centralized access to course materials.
 - Reduced course submission time by **50%** per faculty member by building an **ASP.NET Core MVC** application to automate course selection, PDF generation, and email delivery to the registrar.
 - Led a team of 5 developers** to design, develop, and deploy **2 full-stack applications**, ensuring high code quality and maintainability through close collaboration with supervisors.
- Software Engineer** Jan 2023 - Jul 2024
qordata Inc. | Karachi, Pakistan
- Cut weekly data processing time by **90%** by integrating **Salesforce** and **Microsoft Graph APIs** to build automated data ingestion pipelines, eliminating manual Excel-based workflows.
 - Improved system responsiveness and backend scalability by designing asynchronous document processing workflows using **AWS Lambda** and **S3** event triggers, offloading heavy tasks from synchronous services.
 - Implemented secure, controlled access to cloud-hosted documents using **AWS S3**, IAM policies, and pre-signed URLs, ensuring temporary authorization while maintaining data security.
 - Enabled faster, data-driven management decisions by building interactive analytics dashboards using **Angular** and **TypeScript** to visualize compliance risk metrics and KPIs.

- Associate Software Engineer** Aug 2021 - Dec 2022
qordata Inc. | Karachi, Pakistan
- Developed scalable backend services using **Java Spring Boot**, **Hibernate/JPA**, and **PostgreSQL**, implementing REST APIs, validation, and centralized exception handling for enterprise compliance platforms.
 - Collaborated in **Agile/Scrum** teams with QA and product stakeholders to deliver iterative features and improve production stability.
 - Improved code quality through unit testing with JUnit and Mockito, peer code reviews, and refactoring efforts to reduce production defects.

EDUCATION

- Master of Science: Information Systems** Aug 2024 - Dec 2025
Northwest Missouri State University, Maryville, MO GPA 4.0/4.0
- Coursework: OOP, Database Systems, Design Patterns, Data Structures & Algorithms
- Bachelor of Science: Computer Science** Aug 2017 - Jun 2021
National University of Computer and Emerging Sciences, Karachi, Pakistan

PROJECTS

- Campus Inspection System** Aug 2025 - Dec 2025
- Built a scalable **full stack** web application using **Angular**, **Node.js/Express**, and **Prisma** to digitize campus facility reporting, replacing manual paper logs and streamlining technician workflows.
 - Achieved **99.9%** application availability by implementing a CI/CD pipeline with GitHub Actions and deploying backend services to **AWS EC2** and frontend assets to **S3 + CloudFront**.

SKILLS

Languages: Java, C#, TypeScript, JavaScript, Python, C++, SQL, HTML, CSS

Frameworks: Spring Boot, JPA/Hibernate, .NET Core, Angular, React, Vue.js, Node.js, Express

Cloud & DevOps: AWS (Lambda, DynamoDB, S3, API Gateway, CloudFormation, Cognito), Docker, Git, CI/CD, Maven

Databases: Postgres, MySQL, MongoDB, SQL, NoSQL

Tools & Practices: Agile/Scrum, Jira, RESTful Web Services, Microservices

CERTIFICATIONS

AWS Certified Developer – Associate Jan 2026