ADARSH KUMAR

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https://linkedin.com/in/adarsh-kumar03 | https://github.com/Adarsh0311 | Portfolio

SUMMARY

AWS Certified Software Engineer with 3+ years of experience designing and building scalable backend and full-stack applications using Java, Spring Boot, .NET, and Angular. Proven expertise in developing RESTful APIs, cloud-native solutions on AWS.

WORK EXPERIENCE

Graduate Assistant Software Developer   *Jan 2025 - Dec 2025*
Northwest Missouri State University - LTC | Maryville, MO

- **Enabled 5,500+** students to access course materials by developing a **.NET** application integrated with **Canvas LMS REST APIs** for automated data synchronization.
- **Reduced course submission time by about 15 minutes per faculty member** by building an **ASP.NET Core MVC** web app to automate course selection, PDF generation, and email delivery to the registrar.
- **Delivered 2 full-stack projects** and maintained existing applications by **leading a team of 5 developers** through planning, deployment, and collaborating with supervisors.

Software Engineer   *Jan 2023 - Jul 2024*
qordata Inc. | Karachi, Pakistan

- Implemented a cloud-based document repository using **AWS S3**, ensuring data security through **IAM policies** and **S3 pre-signed URLs** for temporary, authorized access.
- Accelerated weekly data processing time by **90%** by integrating **Salesforce** and **Microsoft Graph APIs** into a **Spring Boot** application to automate data imports previously handled through manual Excel uploads.
- Enhanced compliance decision-making by building **Angular** dashboards that visualized risk metrics, monitoring coverage, and key performance indicators, leading to faster and more informed management decisions.
- Collaborated with QA, project managers, and business analysts in **Agile sprints** using JIRA, daily standups, and retrospectives to align on priorities, resolve blockers, and deliver features iteratively and efficiently.

Associate Software Engineer   *Aug 2021 - Dec 2022*
qordata Inc. | Karachi, Pakistan

- Developed and deployed **RESTful APIs** using **Java** (**Spring Boot**) and **ORM tools** (**Hibernate/JPA) to** enable efficient data access and robust **CRUD operations** across relational databases.
- **Improved code quality** and deployment readiness by leading unit testing and peer code reviews using **JUnit** and **Mockito**, reducing production bugs and ensuring maintainable, high-quality releases.
- **Streamlined compliance workflows** by integrating risk assessment and checklist modules with **MS SQL Server** and **PostgreSQL**, allowing compliance heads to launch prefilled monitoring checklists from speaker risk profiles.

EDUCATION

Master of Science: Information Systems   *Aug 2024 - Dec 2025*
Northwest Missouri State University, Maryville, MO   *GPA 4/4*

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%** app availability by architecting a **CI/CD pipeline** via GitHub Actions for automated deployments to **AWS EC2** and **CloudFront**.

SKILLS

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

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

Frameworks: Spring Boot, .NET Core, Angular, Node.js, Express

Databases: Postgres, MySQL, MongoDB, SQL, NoSQL

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

CERTIFICATIONS

AWS Certified Developer – Associate | Verify Credential ⬈   *Jan 2026*
Amazon Web Services