

ADARSH KUMAR

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SUMMARY

Software Engineer with 3+ years of experience in backend and full-stack development using Java, Spring Boot, and Angular. Proficient in building RESTful APIs, microservices, and cloud-native applications (AWS) with a focus on automation, scalability, and data-driven solutions. Skilled in system integration, performance optimization, and cross-functional collaboration to deliver reliable software solutions.

WORK EXPERIENCE

Graduate Assistant Software Developer

Jan 2025 - Present

Northwest Missouri State University - LTC | Maryville, MO

- Led a team of **8+** developers, managing project planning, deployment, and maintenance while collaborating with supervisors to ensure smooth and timely delivery.
- Enabled **5,500+** students to access course materials in real time by developing a **.NET** application integrated with **Canvas LMS REST APIs**.
- Eliminated the manual course form process by implementing a course selection system that generated PDFs and emailed them directly to the registrar, reducing manual effort by **90%**.

Software Engineer

Jan 2023 - Jul 2024

qordata Inc. | Karachi, Pakistan

- Automated data synchronization by integrating with FTP, Salesforce (Veeva CRM), and Microsoft Graph APIs, reducing weekly processing time from **2 hours to 10 minutes** through scheduled jobs.
- Designed compliance monitoring modules with **Java, Spring Boot, and Angular**, helping pharmaceutical clients track and resolve ethical and regulatory issues.
- Developed interactive **Angular dashboards** to visualize monitoring coverage, KPIs, and risk metrics, improving compliance oversight and management decisions.
- Improved code quality by leading **unit testing** and peer code reviews, reducing production bugs and ensuring maintainable, production-ready releases.

Associate Software Engineer

Aug 2021 - Dec 2022

qordata Inc. | Karachi, Pakistan

- Integrated risk assessment and checklist modules across **SQL Server** and **PostgreSQL**, enabling compliance heads to launch prefilled monitoring checklists directly from speaker risk profiles.
- Automated roster data loading by creating a utility to process Excel files and populate database tables, eliminating manual inserts and improving data accuracy as volume scaled.
- Boosted system performance by implementing asynchronous processing, optimizing SQL queries, and fine-tuning APIs for improved responsiveness.
- Collaborated with cross-functional **Agile teams** (QA, product managers, frontend engineers) to deliver high-quality features.

EDUCATION

Master of Science, Information Systems:

Aug 2024 - Dec 2025 (Expected)

Northwest Missouri State University, Maryville, MO

GPA 4/4

- Coursework: Object-Oriented Programming Systems (OOP), Database Systems, Computer Networks

Bachelor of Science, Computer Science

Aug 2017 - Jun 2021

National University of Computer and Emerging Sciences, Karachi, Pakistan

- Coursework: Data Structures, Algorithms, Operating Systems, Artificial Intelligence

SKILLS

Languages & Frameworks: Java, C#, Python, TypeScript, JavaScript, HTML, CSS, Angular, Spring Boot, .NET Core, ASP.NET, Node.js, Bootstrap

Backend & APIs: Microservices, RESTful APIs, Spring Data JPA, Hibernate, Spring MVC, Entity Framework, Express.js, Unit Testing (JUnit, Mockito)

Databases: PostgreSQL, MySQL, MongoDB, SQL, NoSQL

Cloud & DevOps: AWS (EC2, ECS, S3, RDS, Lambda, API Gateway, DynamoDB), Docker, CI/CD, Git, Maven, Agile, Scrum, Jira

COURSES

AWS Certified Developer – Associate (DVA-C02)

- Completed Udemy's 32-hour training focused on building and deploying applications with AWS services, including EC2, S3, RDS, Lambda, DynamoDB, API Gateway, CloudFormation, CloudWatch, SQS, SNS, and IAM.