ADARSH KUMAR

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SUMMARY

Software Engineer with 3+ years of experience in backend and full-stack development using Java, Spring Boot, .NET, and Angular. Experienced in building RESTful APIs and cloud-native applications. Proven track record in system integration, performance optimization, and cross-functional collaboration to deliver efficient, scalable software solutions.

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

WORK EXPERIENCE

Graduate Assistant Software Developer   *Jan 2025 - Present*
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 a 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
- **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.
- Designed compliance monitoring modules with **Java, Spring Boot, and Angular**, helping pharmaceutical clients track and resolve ethical and regulatory risks more effectively.
- **Enhanced compliance decision-making** by building Angular dashboards that visualized risk metrics, monitoring coverage, and key performance indicators.
- 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
- Improved code reliability 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.
- **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.

SKILLS

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

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

Cloud & DevOps: AWS, Docker, Git, CI/CD, Maven

Databases: Postgres, MySQL, MongoDB, SQL, NoSQL

Tools & Practices: Agile/Scrum, Jira, REST APIs, Microservices

COURSES

AWS Certified Developer – Associate (DVA-C02)   *Oct 2025*
- 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.