

AYUSH JADHAV

Masters Student, National College Of Ireland

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PROFILE

A detail-oriented and passionate software engineer with expertise in full-stack development, cloud computing, and DevOps. Proficient in delivering robust solutions using modern technologies like Spring Boot, Angular, AWS, and Docker. Skilled in designing scalable systems, mentoring teams, and collaborating with clients to achieve project goals. Adept at problem-solving and committed to continuous learning and innovation.

SKILLS AND EXPERTISE

- **Programming Languages:** Java, Python, JavaScript, TypeScript, C#, PL/SQL
- **Libraries / Frameworks:** Spring Boot, Hibernate, Spring, Angular, React.js, Django, Flask, Bootstrap, Node.js, JUnit, Mockito
- **Databases:** MySQL, Microsoft SQL Server, SQLite, MongoDB, Firebase, DynamoDB
- **Cloud Platforms / Tools:** AWS: EC2, S3, Lambda, RDS, CloudFormation, Elastic Beanstalk, API Gateway, IAM, CloudWatch, SNS, SQS, DynamoDB, EKS, ECS, CodePipeline, CodeBuild, Other Cloud: OpenShift Cloud, Google Cloud Platform GCP
- **Front-end Technologies:** HTML, CSS, Bootstrap 5, Tailwind CSS, Material-UI
- **DevOps and CI/CD:** Jenkins, GitHub, SonarQube, Kubernetes, Docker, Pylint, SonarCloud
- **Messaging and Event Streaming:** ActiveMQ, Kafka, RabbitMQ, AWS SQS, AWS SNS
- **Monitoring and Logging:** LogInsight, Grafana, Elasticsearch, Logstash, AWS CloudWatch
- **Tools and Technologies:** Postman, STS, IntelliJ IDEA, Eclipse, Visual Studio Code, Apache JMeter, JFrog, Swagger/OpenAPI, PyCharm
- **Software Development Practices:** Microservices, Agile, SOLID Principles
- **Systems / Platforms:** Git, Windows, Unix/Linux, macOS

WORK EXPERIENCE

- **Lab Assistant - Final Year Project Support** September 2024 – Present
National College of Ireland, Dublin
 - **Student Mentorship:** Provided one-on-one and group-based mentorship to final-year students, assisting in project planning, development, and troubleshooting.
 - **Technical Workshops:** Organized and conducted workshops on coding best practices, debugging techniques, and tools such as Spring Boot, MySQL, Postman, Angular, and Git. Guided students on integration, deployment processes, and deploying projects to cloud platforms.
 - **Achievements:** Guided over 20 students in developing innovative projects, some of which received awards, and implemented methodologies to improve documentation and testing quality.
 - **Recognition:** Earned commendations from faculty and students for fostering an encouraging and collaborative environment.
- **Associate - Software Engineer** March 2022 – December 2023
Cognizant, Pune
 - Worked on critical projects for the client **UPS (United Parcel Service)**, implementing features and modernizing application architecture.
 - Implemented a feature to download information into files, enhancing user convenience and system functionality.
 - Migrated **legacy .Net code** to modern **Spring Boot standards** for seamless deployment on OpenShift.
 - Spearheaded the coding and migration process, ensuring smooth progress through collaborative problem-solving.
 - Played a pivotal role in modernizing the application architecture, improving scalability, performance, and maintainability.
 - Overcame technical challenges during migration, demonstrating strong problem-solving skills and ensuring project success.
 - Contributed to cloud-native adoption by migrating the application to OpenShift, enabling elastic scaling and resource optimization.
 - Earned client appreciation for delivering the project on schedule and exceeding expectations through dedicated effort.
- **Programmer Analyst - Jr Software Engineer** December 2021 – February 2022
Cognizant, Pune
 - Worked on client-facing solutions for **UPS (United Parcel Service)**, focusing on front-end and back-end improvements.
 - **Front-End Development:**
 - Created responsive, user-friendly interfaces using Angular, JavaScript, HTML, and CSS, closely following UI/UX wireframes to deliver a seamless customer experience.
 - Enhanced application performance by optimizing Angular components and implementing lazy loading to ensure maximum speed and scalability.
 - **Back-End Development:**
 - Developed and integrated new .NET REST APIs to manage product data, order processing, and user authentication.

- Contributed to the backend using C#, ensuring adherence to SOLID principles and DDD to maintain code quality and promote scalability.
- **Database Management:**
- Wrote and optimized SQL queries to handle complex data transactions and improve retrieval times, ensuring a responsive experience for users.
- **Programmer Analyst Trainee** December 2020 – November 2021
Cognizant, Pune
 - Mastered **Java, Spring framework, Spring Boot, SQL, HTML, CSS, Bootstrap, and AWS technologies.**
 - Collaborated with a team of four to develop and deploy a comprehensive software application.
 - Gained practical experience in software development and deployment processes.
 - Showcased strong teamwork and collaboration skills while working closely with the team.
 - Successfully integrated diverse technologies to create a cohesive and functional software solution.

EDUCATION

- **National College of Ireland, Dublin** Jan 2024 – Jan 2025
MSc in Cloud Computing
 - **SnapVibe: Django Application:** Source Code Video Demonstration
 - * Developed a social media application using Django, SQLite, HTML5, and Bootstrap 5, deployed on AWS Elastic Beanstalk with CI/CD via CodePipeline. Implemented static code analysis with Pylint and managed security with SonarCloud.
 - **House Renting Management System: Django Application:** Source Code
 - * Developed a house renting management system using Django, SQLite, HTML5, and Bootstrap 5, deployed on AWS Elastic Beanstalk with CI/CD via CodePipeline. Implemented static code analysis with Pylint and managed security with SonarCloud.
- **All India Shri Shivaji Memorial Society College of Engineering, Pune** 2016 – 2020
Bachelor of Engineering - Computer Engineering *CGPA: 8.52/10*
 - **GoFit - Android Application :** Source Code
 - * Developed a fitness tracking Android app using Java, with Firebase for cloud storage and authentication, and integrated proximity and accelerometer sensors for real-time data.

CERTIFICATIONS

NPTEL GOLD+ELITE CERTIFICATE IN JAVA

- **Certification**
- Completed the course with 96% and was in top 5% toppers.

NPTEL GOLD+ELITE CERTIFICATE IN IoT

- **Certification**
- Completed the course with the score of 98%.

NPTEL CERTIFICATE IN Data Structures and Algorithms

- **Certification**