

SADAF TASNIM

Backend Developer

📍 New Delhi, INDIA

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience in backend development using Java, Spring Boot, and AWS. Proven expertise in building scalable APIs, implementing cloud-native architectures, and developing secure, high-performance applications. Passionate about learning, system design, and clean code.

CORE ACCOMPLISHMENTS

- Led the development of a secure and scalable e-commerce backend system deployed on AWS.
 - Reduced authentication failure rates by 40% through robust JWT and OAuth 2.0 integration.
 - Achieved 99.9% uptime in serverless applications by leveraging AWS Lambda and DynamoDB.
 - Automated employee management workflows with Spring Boot and AWS SNS.
 - Delivered a secure banking platform for Citizens Bank, enhancing transaction safety and user experience.
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TECHNICAL SUMMARY

- **Languages:** Java, Python
 - **Backend & APIs:** Spring Boot, RESTful APIs, Spring Security
 - **Databases:** MySQL, PostgreSQL, DynamoDB
 - **Cloud & DevOps:** AWS (Lambda, EC2, RDS, S3, Cognito, SNS, ECS, API Gateway), Git, JIRA
 - **Authentication & Security:** OAuth 2.0, JWT, MFA, OpenSSL, QR Libraries
 - **Tools:** Postman, Swagger, libqrencode
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PROFESSIONAL EXPERIENCE

Software Engineer – Artifact Solutions Pvt Ltd *(Mar 2024 – Present)*

- Designed and maintained robust APIs for various modules, including authentication and e-commerce flows.
- Used AWS services (Lambda, RDS, EC2) for scalable backend development.
- Improved security with JWT, OAuth 2.0, and Spring Security.
- Automated notification and background tasks using AWS Lambda and SNS.

Software Engineer – Vertiv Software Labs Pvt Ltd *(Aug 2020 – Sep 2022)*

- Developed key banking features for Citizens Bank's web application including onboarding, fund transfers, and transaction logs.

- Built RESTful services and integrated Spring Security for secure login and role-based access.
 - Collaborated with QA, DevOps, and UI teams to deliver performant and scalable backend.
 - Used Git, JIRA, and Postman under Agile practices.
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PROJECTS

CloudCart - Scalable E-Commerce Platform *(Dec 2024 – Present)*

- Built REST APIs using Spring Boot for product management and order handling.
- Integrated AWS RDS and S3 for storage and media hosting.
- Deployed on AWS EC2 with auto-scaling and used Lambda for async tasks.

Multi-Factor Authentication (MFA) System *(Sept 2024 – Dec 2024)*

- Implemented TOTP-based MFA using Spring Boot and AWS Cognito.
- Generated QR-based secure provisioning and deployed using ECS.

Serverless Employee Management System *(Mar 2024 – Sept 2024)*

- Developed backend using AWS Lambda and DynamoDB.
- Built Spring Boot APIs with Cognito-based authentication.
- Automated alerts via AWS SNS.

Citizens Bank Web Application *(Aug 2020 – Sep 2022)*

- Developed modules for onboarding, transfers, and account management using Java and Spring Boot.
 - Secured APIs with Spring Security and ensured high availability.
 - Worked in a CI/CD environment with QA and DevOps.
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EDUCATION

Master of Computer Application (MCA)

Deccan College of Engineering and Technology, Osmania University

Hyderabad, 2022 – 2024

CGPA: 8.05

HOBBIES

- Reading articles
- Learning new technologies
- Building open-source tools