



ABHISHEK GAUTAM

Full Stack Developer

Full-Stack Developer with proficiency in backend technologies like Spring Boot and SQL, as well as frontend frameworks such as React, Next.js, and Angular. Demonstrated experience in developing web applications that communicate with APIs, databases, and external systems.

Experience

Full stack developer - Infogain

FedEx Corporation

Aug 2021 - Present

Implemented an enterprise-scale distributed system for managing peripheral devices across 14,000+ workstations in the USA. The solution architecture integrates four cloud services, two Windows services, a robust Angular-based Device Tester application, and a Java Swing-based diagnostic utility. The system ensures seamless device and certificate management with 95%+ code coverage, high reliability, and centralized monitoring.

Technologies

Backend: Spring Boot, Java 8, WebSocket, JPOS, Mockito

Frontend: Angular

Database: Oracle

Tools: GitHub, Jenkins, Nexus, Sonarqube, NexusIq, Splunk

Security: SSL/TLS Certificates, Keystore Management

Responsibilities

1. Cloud Services Development

- Designed and deployed cloud services on Pivotal Cloud Foundry (PCF), ensuring high availability and scalability.
- Developed the Peripheral Management Service for centralized API operations and the Scheduler Service for automating device management tasks.
- Implemented the Certificate Management Service and its Scheduler to manage SSL certificate lifecycle operations, including renewal and validity tracking.

2. Windows Services Development

- Created the Peripheral Service to manage local device operations such as receipt, label, page printers, barcode scanners, and weighing scales.
- Developed the Certificate Management Client Service for secure certificate installation and updates at the workstation level.

3. Installer Development

- Built three specialized installers:
 - Peripheral Service Installer for deploying device control components.
 - Certificate Client Installer for SSL management deployment.
 - Peripheral Credentials Installer for secure credential distribution.

4. UI Application

- Designed an Angular-based Device Tester Application for comprehensive peripheral testing with a robust Integration Layer to standardize device interactions in a modular format used across to interact with device.
- Developed a Java Swing-based diagnostic utility for direct device testing.

5. Technical Achievements

- Maintained 95%+ code coverage through rigorous testing using Mockito and PowerMockito frameworks.
- Ensured secure API communication with SSL/TLS protocols and real-time updates via WebSockets.
- Integrated Oracle database architecture for reliable data storage.
- Established a CI/CD pipeline with Jenkins and GitHub, validating code quality and security with SonarQube, Nexus IQ, and GitHub Security CodeQL.

Language

English

Hindi

Contact



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[Linkedin Profile](#)



New Delhi, India

Education

Bachelor of Engineering

Specialization: Computer Science

Amity University

2017-2021

Sector 125, Noida, Uttar Pradesh, India

Skills

Technical

Spring Boot

Java

SQL

Angular

React

NextJs

Python

Kotlin



Soft

Organized

Communication

Teamwork

Meeting deadlines

Critical thinking

