

# Abhishek Nayek

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3.9 years of experience in BFSI and IOT domain, developing web apps/services in Java using spring framework and Angular.

**Web applications | Data Structures & Algorithms | Angular | REST services | PCF applications | Spring Boot/Spring MVC | JPA | Agile/Scrum Methodology | CICD | TDD, OO Standards and Design | Oracle and Linux | PCF & AWS**

## Career OBJECTIVE

To become part of a challenging organization that provides opportunities for personal and professional growth while being resourceful, innovative and flexible in the field of Information Technology.

## PROFESSIONAL EXPERIENCE

- Siemens Technology India (Jul 2020 – till date) – Software Engineer
- Bitwise Solutions Pvt Ltd (Jun 2017 – Jun 2020) – Java Developer

### Software Engineer, Intelligent Transportation System - UK, Siemens

Working on a new UTC (Urban Traffic Control) system for TFL London to monitor and control the traffic of London.

- Migrated existing angular material tabs to custom designed tabs library in the system.
- POC on Keycloak to secure various applications under the UTC system.
- UI Enhancements

### Software Engineer, Railway domain - AU, Siemens

Implemented a new web UI in Angular to monitor health of sensors at grade crossings.

- Implemented web application from scratch to show health status of sensors at various grade crossings which will help service technicians to fix the faulty sensors as soon as possible.
- Live data reporting feature(alarms) in the application for proactive monitoring.

### Software Engineer, Intelligent Transportation System, Siemens

Contribution to a CCTV application as a part of existing Siemens product.

- Created inventory microservice to store CCTV details and serve back to UI.
- Established Kafka based communication among different micro services as a service bus in the backend.
- Created a new micro service to grab the incoming stream from CCTV and provide adaptive bitrate support with different resolutions based on bandwidth and serving back to UI.

## Java Developer, Instant Credit, Discover Financial Services

Modified existing legacy apps as well as developed new modules with Spring Boot and Spring MVC to allow partially booked DFS card members to avail credit limit before receiving a fully active Discover card.

- Added new endpoints for eligibility check and device provisioning each of partially booked card members.
- Ensured consistency and standards in common components of live production applications.
- Coordinated with product owners and scrum masters as well as other teams for business requirements and finalizing approach to achieve proposed functionality.
- Assessed risks and impacts on existing systems and making required updates in existing applications.

## Java Developer, Card Navigation, Discover Financial Services

Developed and deployed a new Spring Boot application for rendering the header and footer along with the menu on the Discover AC Home page.

- Developed a whole endpoint using Spring Boot and PCF for rendering the menu on the DFS page.
- Created and configured PCF services like ECS bucket for storing files which are configurable externally.
- Created Jenkins pipeline job for deploying the application to PCF using Jenkins.

## TECHNICAL SKILLS

Technologies	Core Java, J2EE, Spring 3+, Spring Boot, Spring MVC, Kafka, Docker Unix shell scripting, JPA, REST Services, XML, JUnit, HTML, CSS, JavaScript, Angular, SQL
CI/CD tools	Git, Gitlab, Gradle, Jenkins, Nexus, SonarQube
Cloud Technologies	Pivotal Cloud Foundry, AWS
Application Monitoring Tool	AppDynamics, Kibana, Prometheus ,Grafana
Database	Oracle, MySQL, Postgres
Development Tools	STS, IBM Rational Application Developer, Eclipse
Operating Systems	Windows, Unix
Others	IBM Websphere server, Postman, SoapUI
SDLC	Agile

## EDUCATION

B.Tech	-	DAV University 2013 - 2017, 7.89 CGPA
12 <sup>th</sup>	-	S.S.D Krishna Vatika Senior Secondary School,Bathinda 2013, 76%
10 <sup>th</sup>	-	Delhi Public School, Bathinda 2011, 8.8 CGPA

## EXTRA CURRICULARS

- Represented DPS in Inter-DPS football tournament
- Represented in zonal , district and state level athletics in Punjab
- Captain of the art club in University
- Represented University in inter-university football tournament in Punjab