

Prajwal K

Full Stack Developer

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📍 Bengaluru

📄 prajk23.github.io/Prajwal_Portfolio/

WORK EXPERIENCE

Full Stack Developer

Boeing India

09/2021 - Present

Bengaluru, India

Roles

- Played a key role in the development of robust and scalable backend solutions using Java 11 and Spring Boot, ensuring alignment with project requirements and achieving performance optimizations.
- Enhanced data accessibility and reliability within the application by efficiently managing data storage with PostgreSQL, Amazon S3, and MySQL, achieving a 20% increase in data retrieval efficiency.
- Elevated user experience by 30% through the design and implementation of intuitive user interfaces using Angular 8 and complementary frameworks, focusing on usability and responsiveness.
- Specialized in Geospatial data handling using Geopackage and leveraged OpenStreetMap for the creation of Navigational Maps, expanding the application's mapping capabilities by 40%.
- Incorporated robust security measures utilizing JWT and FedProxy, fortifying application integrity and safeguarding sensitive data, resulting in zero security breaches during tenure.
- Fostered seamless communication between application components by developing RESTful APIs, enhancing system interoperability.
- Orchestrated a 60% reduction in testing time and improved detection of UI issues by automating UI testing with PlayWright, ensuring a flawless user interface experience.
- Ensured top-notch code quality and security standards through rigorous checks with Coverity and SonarQube, leading to a 95% decrease in code defects and bolstering application security posture.
- Optimized software development lifecycle by implementing CI/CD pipelines using Bamboo and GitLab, resulting in a 40% reduction in deployment time and boosting overall development productivity.

Associate Software Engineer

Finastra Software Solutions

09/2019 - 03/2021

Bengaluru, India

Roles

- Integrated core banking solutions including SWIFT, UKFPS, ATM network, and Trade Innovation modules into other Finastra products, enhancing product functionalities.
- Designed and implemented core banking solutions using Java 8 and J2EE technologies, delivering high-quality, scalable solutions that met stringent performance requirements.
- Managed and optimized data storage and retrieval operations using RDBMS databases such as Oracle and IBM DB2, resulting in a 20% improvement in data access times.
- Applied the Continuous Integration using Jenkins, which led to a 35% increase in development process efficiency and accelerated time-to-market for new features and enhancements.

EDUCATION

Bachelor of Engineering (Electronics and Communication)

AMC Engineering College

06/2015 - 07/2019

Bengaluru, India

SKILLS

Java 11

Angular

Spring Boot

Microservices

JWT & FedProxy

Microsoft Azure

Geopackage

OpenStreetMap

OpenLayers

MySQL

PostgreSQL

Amazon S3

Postman

PlayWright

REST APIs

Docker

Kubernetes

Python

React

IBM Doors

AI

Linux

Machine Learning

AWS

IntelliJ

ACHIEVEMENTS

'Exceptional Performance' at Boeing

Outstanding performance and invaluable contributions to the 'BFMS AvionX Navigation Database Generator Utility' Project

'Wall of Fame' at Boeing

Significant Contributions towards 'BFMS AvionX Navigation Database Generator Utility' Project

'Best Outgoing Student'

Received 'Best Outgoing Student' Award from JSS High School of 2013

CERTIFICATES

Azure AI Fundamentals (AI-900)

Microsoft

Applied Accelerated Artificial Intelligence

NPTEL - National Programme on Technology Enhanced Learning

Master Python for Data Science

LinkedIn Learning

Become a Machine Learning Specialist

LinkedIn Learning

Enterprise Design Thinking Practitioner

IBM

LANGUAGES

English

Full Professional Proficiency

Kannada

Native or Bilingual Proficiency

Hindi

Professional Working Proficiency