

Aswin Abraham

Email: aswinabraham1997@gmail.com

LinkedIn: www.linkedin.com/in/aswin-abraham

Phone: (+91) 9446162875 , (+974) 77309894

Professional Summary

Software Engineer with over 2.6 years of experience specializing in Java Spring Boot and Python Django web development. Expertise in backend development, RESTful APIs, authentication using Spring Security, and front-end integration with ReactJS. Adept at working in fast-paced environments and contributing to high-quality solutions for enterprise-level applications.

Skills

- **Backend Technologies:** Java, Spring Boot, Spring MVC, Hibernate/JPA, Spring Security, JWT, Python Django, Django REST Framework
- **Frontend Technologies:** ReactJS, Material UI, Tailwind CSS, JavaScript (ES6+), HTML5, CSS3
- **Database:** MySQL, PostgreSQL, MongoDB
- **DevOps:** Docker, Nginx, CI/CD
- **Tools & Platforms:** Maven, Git, GitHub, Jenkins, VS Code, IntelliJ IDEA, Android Studio
- **Other:** RESTful APIs, Microservices, JWT Authentication, WebSocket Communication

Professional Experience

Full Stack Developer

NetForce Technologies , Doha ,Qatar

March 2024 – Current

- Designed & Built a comprehensive HR management system, streamlining employee data management, payroll, and document handling, resulting in a **30% reduction in manual HR tasks**.
- Integrated secure user authentication and role-based access control using Spring Security and JWT, ensuring **100% compliance with data security standards**.
- Built automated workflows for onboarding, leave management, and performance reviews, **increasing HR process efficiency by 20%**.
- Integrated external storage for employee documents, improving retrieval time by 40%..
- Optimized system performance through the use of efficient database queries and caching, **reducing page load times by 25%**.

Software Engineer

Innovature Softwarelabs, Kochi

October 2022 – March 2024

- Developed and maintained scalable microservices using Spring Boot and Hibernate, integrated with RESTful APIs, improving system performance by **15%**.

- integrated and deployed custom authentication and authorization services using Spring Security and JWT, **enhancing security measures and reducing unauthorized access incidents by 30%.**
- Developed dynamic user interfaces using ReactJS and Material UI, **boosting user engagement by 20%.**
- Integrated third-party payment gateways, including SkipCash and PayPal, leading to **a 35% increase in payment processing speed.**
- Led the implementation of a vehicle management system, **reducing document processing time by 25% and cutting operational costs by 10%.**

Software Developer

Progressive Solutions, Kochi

May 2020 – November 2020

- Developed software applications for enterprise clients, **reducing support ticket resolution time by 15% and enhancing client satisfaction.**
- Conducted unit testing and debugging, **lowering error rates in applications by 10%.**

Education

Master of Computer Applications (MCA)

MG University

Completed in 2022 , GPA :7.8

Bachelor of Computer Applications (BCA)

MG University

Completed in 2020 , GPA :6.5

Certifications

- Java Spring Boot Developer Certification
- Python Django Full Stack Developer Certification
- Docker and Kubernetes Essentials

Projects

Recruitment Application

- Built a recruitment platform for HR teams to post job listings, track applicants, and schedule interviews using Spring Boot and ReactJS, resulting in a **25% increase in hiring efficiency.**
- Integrated resume parsing, applicant tracking, and data analytics, **reducing manual data entry by 30% and improving time-to-hire by 20%.**

Service Provider Application

- Enhanced a multi-user service provider application for booking hospitality and AC mechanic services, **increasing service booking efficiency by 35%.**
- Implemented user authentication using Spring Security with JWT, allowing login through both email and phone, which **improved user login success rate by 40%.**
- Integrated Stripe payment gateway for seamless payment processing.

HR Management Application

- Established an HR system for managing employee data, payroll, and document storage using Spring Boot and ReactJS, resulting in a **20% reduction in HR processing time**.
- Automated workflows for onboarding, leave management, and performance evaluations, **increasing HR productivity by 25%**.

Project Management Application

- Engineered a project tracking tool to manage tasks, teams, and deadlines with Kanban boards and Gantt charts, **increasing project completion rates by 15%**.
- Implemented role-based access control and integrated Slack for team communication, which **enhanced collaboration efficiency by 30%**.

Waste Classification Application (Python Django)

- Built a machine learning-powered application using Python Django to classify and sort waste materials, **improving recycling accuracy by 40%**.
- Initiated an intuitive user interface for waste tracking and reporting, leading to a **20% increase in user engagement**.

Real-time Cricket Score Update System (Python Django)

- Created a WebSocket-based system using Django to deliver real-time cricket score updates and game statistics, reducing score update latency by **50%**.
- Enhanced user experience by **improving system responsiveness by 35%**.

Hotel Management Application

- Developed a hotel booking system for managing reservations, room assignments, and billing using Spring Boot and ReactJS, **increasing booking accuracy by 25%**.
- Integrated a real-time calendar system for bookings and availability tracking, which **reduced booking conflicts by 30%**.

Technical Proficiencies

- **Languages:** Java, Python, JavaScript , TypeScript
- **Frameworks:** Spring Boot, Django, ReactJS, Node.js
- **Databases:** MySQL, PostgreSQL,
- **Testing:** JUnit, Mockito,
- **Cloud:** AWS , Google Cloud
- **Version Control:** Git, GitHub, GitLab