

NAFLA T N

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EXECUTIVE SUMMARY

- Java Developer with 2 years of experience delivering enterprise-grade backend solutions at IBS Software in the iFlight and iTravel projects.
- Skilled in Java, Spring Boot, REST APIs, microservices, Kubernetes, Docker, Agile practices, and DevOps.
- Experienced in backend optimization, bug fixing, and test-driven development with JUnit.
- Proactive in adopting AI-driven development tools like GitHub Copilot and participating in the LaiFE program.
- Seeking a Java Backend Developer / Software Engineer role to contribute technical expertise, problem-solving skills, and collaborative teamwork.

EDUCATION

- B.Tech in Computer Science & Engineering**, APJ Abdul Kalam Technological University
June 2019 - June 2023

TECHNICAL SKILLS

- Languages:** Java, C, C++, JavaScript, HTML5, CSS
- Frameworks & Libraries:** Spring Boot, JUnit
- Build & Dependency Management:** Maven (dependency resolution, build optimization)
- Cloud & Containerization:** Kubernetes (Pods, Deployments, ConfigMaps, in-pod debugging), Docker basics
- DevOps:** Maven, artifact management, version upgrades
- Tools & OS:** Git, Eclipse, IntelliJ IDEA, STS, VS Code, Linux (bash scripting)
- Software Practices:** Agile
- AI & Productivity Tools:** GitHub Copilot, LaiFE program

EXPERIENCE

- IBS Software Pvt Ltd – Solution Engineer (Java Developer)**, Kochi, India
Jul 2023 – Present

– iFlight – Airline Operations (Jul 2023 – Oct 2024)

- * Designed and implemented RESTful APIs with Spring Boot and PostgreSQL, meeting complex business requirements.
- * Built and optimized microservices and performed query optimization to reduce response time and enhance system performance.
- * Troubleshoot and resolved defects to improve reliability, stability, and scalability of the iFlight platform.
- * Supported Kubernetes deployments and implemented unit testing with JUnit to ensure code quality.
- * Contributed to requirement analysis, documentation, and delivery of key features in alignment with client needs.

– iTravel – Cruise Operations (Oct 2024 – Present)

- * Developed full-stack features using Spring Boot, PostgreSQL, and AngularJS for reservations, POS, and loyalty modules.
- * Strengthened system security and reliability through hardening and performance tuning.
- * Collaborated cross-functionally to deliver enhancements across property management and guest experience workflows.
- * Contributed to frontend design with HTML, CSS, and AngularJS for a responsive and seamless user experience.

- **Viral Fission – Campus Ambassador**, Kochi, India

Jun 2019 – Jun 2023

- Acted as the primary liaison between Viral Fission and my college community.
- Built awareness about opportunities for students to connect with brands and experiences.
- Developed leadership, communication, and networking skills by representing the platform at college.

PROJECTS & TRAINING

- **Portable Framework for Real-Time Water Quality Assessment:**

- Developed a portable system for real-time water quality monitoring with analytics.
- Published at 2023 4th International Conference for Emerging Technology (INCET).
- Authors: Dr. Saira Varghese, Dr. Sreela Sreedhar, Janaki S Nair, Akshara Vinod, Nafla T N, Sesha Sofia Thomas.
- Paper Id: [INCET2023-835](#)

- **Bootcamps – Shape AI (with Google Student Developers):**

- Python & Machine Learning – completed hands-on projects in a collaborative team setting.
- JavaScript & React JS – developed web applications with practical exercises.

- **Salesforce Women-Centric Program:**

- Gained exposure to CRM technologies and Salesforce ecosystem

CERTIFICATIONS

- **Java – Intermediate Certification:**

- Covered advanced Java concepts including Core Java, Java Swing, JDBC, Spring Framework, Spring MVC, and Spring Boot.
- Strengthened backend development skills with hands-on projects and practical applications.

- **Core Java – Beginner Certification:**

- Introduced to fundamental programming concepts in Java including OOP principles, basic syntax, exception handling, and collections.
- Built small-scale applications to reinforce understanding of Java basics.

LANGUAGES

- Malayalam
- Tamil
- English
- Hindi