ARYASREE T G

SOFTWARE DEVELOPER

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SUMMARY

Project Lead managing three projects with 2 years and 2 months of experience as a Java - Springboot Developer. MCA graduate from Pondicherry University, proficient in Spring Boot for backend development and AngularJS for frontend development. Passionate about delivering high-quality software solutions and collaborating with cross-functional teams to achieve project goals.

SKILLS

- **Java**
- **Spring Boot**
- **AngularJS**
- **Next.js**
- **C/C++**
- **Python**
- **PHP**
- **HTML, CSS, JavaScript**
- **MySQL, PostgreSQL, CQL**
- **Docker**
- **Nginx**
- **Windows, Linux, Ubuntu**

CERTIFICATIONS

- **NPTEL - Joy of Computing Using Python**
- **NPTEL - Data Analytics with Python**
- **IIRS - Global Navigation Satellite System and Location-Based Services**

ACHIEVEMENTS

- **NCC 'C' CERTIFICATE**
- **RECEIVED AWARDS FOR ELECOUTION**

LANGUAGES

- **ENGLISH**
- **MALAYALAM**
- **HINDI**
- **TAMIL**

PROFESSIONAL EXPERIENCE

DEESHAA LIMITED (BASEEL PARTNERS LLP)

Java Developer & Project Lead (June 2023 – Present)

Projects
- **Project Leadership:** Leading three projects, managing development, implementation, and deployment.
- **Project Milestones:** Successfully completed Version 1 of two projects, with one already live.
- **End-to-End Development:** Overseeing both frontend and backend development to ensure seamless application performance.

Skills
- **Microservices Architecture:** Worked extensively on microservices-based applications using Spring Boot, managing 6-7 services to ensure modular, scalable, and maintainable solutions.
- **Frontend Development:** Proficient in Angular and Next.js for building dynamic, user-friendly web interfaces.
- **Backend Development:** Skilled in Spring Boot for developing and maintaining scalable backend systems.
- **API Development**: Implemented and optimized gRPC for high-performance, low-latency service-to-service communication.
- **Database Management:** Experienced in PostgreSQL for designing and managing relational databases efficiently.
- **Event-Driven Architecture:** Proficient in Apache Kafka for real-time data streaming and messaging.
- **Containerization & CI/CD:** Hands-on experience with Docker for containerized applications and GitLab for version control and CI/CD pipelines.
- **CI/CD Pipeline Management:** Oversaw deployment pipelines using Jenkins to automate builds, testing, and deployment for streamlined releases.
- **API Development & Testing:** Skilled in Postman for API testing and documentation.
- **Distributed Tracing & Monitoring:** Experienced in Zipkin for tracing and monitoring microservices performance.
- **SharePoint Administration:** Configuring, maintaining, and optimizing SharePoint for collaboration and document management.

ACADEMIC PROJECTS

- **Code-Based Zero Knowledge Proof Authentication in Banking System:** Developed a secure authentication system for banking operations utilizing code-based zero-knowledge proof protocols.
- **Hospital Management System using Java:** Designed and implemented a comprehensive hospital management system using Java programming language.
- **Attribute-Based Encryption App on Code-Based PQC:** Created a secure messaging application leveraging attribute-based encryption techniques and code-based post-quantum cryptography (PQC).
- **Console-Based Student Management System and Library Management System:** Developed console-based applications for managing student records and library resources.
- **Attendance Management System using PHP and MySQL:** Built an attendance management system using PHP programming language and MySQL database.
- **Student Management System using Node.js and CQL:** Developed a student management system utilizing Node.js for backend development and Cassandra Query Language (CQL) for database management.
- **Anti-Phishing Website Detection using Python**: Implemented a website detection system using Python to identify and mitigate phishing attacks.

EDUCATION

PONDICHERRY UNIVERSITY
Masters in Computer Application | 2021-2023
CGPA:**8.8**
Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Web Technologies, Software Engineering, Cloud Computing, Machine Learning, Cybersecurity

CALICUT UNIVERSITY
Bachelor of Computer Applications | 2018 – 2021
Mercy College
Percentage: **80.20%**
Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Web Development, Software Engineering

Plus Two (Computer Science) | Kerala State Board | 2018 – **86%**

- **Relevant Coursework:** Programming in C++, Data Structures, Database Management Systems, Computer Networks, Operating Systems, Mathematics, Physics, Chemistry

SSLC | Kerala State Board | 2016 – **97%**