ARAVIND PULLARCOT

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Profile

Experienced Java Developer with a strong proficiency in Java, Spring Boot, and web technologies. Proven analytical and problem-solving skills, dedicated to delivering efficient Java-based solutions. Adept collaborator within cross-functional teams, committed to Java development excellence. **(ISC)²Certified in Cyber Security (CC), demonstrating expertise in web security.**

TECHNICAL SKILLS:

J2EE Technology	Java Beans, Servlets, JSP, JDBC, EJB,
Architecture & Framework	Client-Server, MVC, J2EE, Spring, Hibernate, Spring Boot, Micro Services
Databases	SQL server, MySQL, MongoDB,
IDE	Eclipse, Net Beans, VScode
Operating Systems	Windows, Linux, Unix
Web Services	Soap, Rest, Restful
UI Technologies	HTML, JavaScript, CSS
Programming Language	Core Java APIs , C, C++, Bash
Tools	Tomcat, Junit, Log4j, ANT, Maven, Git, GitHub
SDLC Methodologies	Waterfall, Agile/Scrum
Cloud Technologies	Amazon Web Services (AWS), Docker
AWS Services	S3, AWS Lambda, Amazon DynamoDB

Work Experience

UC Monks

Java Developer   **May 2020 – April 2021**

- Involved in all phases of the project from analysis and requirement phase to delivering the project.
- Developed application using **Spring MVC, JSP, JSTL**, the business layer is built using **Spring**, and the persistent layer uses **Hibernate**.
- Designed front-end presentation logic using **JSP, CSS,** and **Strut tags**.
- Developed internal coding using J2EE technologies based on the **MVC** Architecture.
- Designing and implementing scalable**, RESTful** and **Micro Services-based backend**. The backend is being written in Java using Spring Boot for simplicity and scalability.

- Experience in **Micro Services** development using spring boot.
- Manipulated data using **CRUD** operations of **MongoDB** database management system and handled database access using **Node JS**.
- Involved in the implementation of **JSPs, Servlets** to interact with the **Oracle Database**.
- Used micro-framework to implement with REST API and **Mongo DB (NO SQL)** as the back end database.
- Involved in **JUnit Testing. Debugging** and **troubleshooting** the bugs and resolving the issues.
- Utilized the Spring Boot framework for accelerated development, ensuring scalability and efficiency in delivering secure APIs.
- Conducted thorough unit testing, applying a **Test-driven Model**, using **JUnit** for comprehensive testing,and proactively troubleshooted/debugged application issues for a reliable and resilient software.

Education

PROJECT MANAGEMENT
Post Graduate

Algonquin College, Ottawa, ON   **Sep 2022 – Sep 2023**

- Relevant Coursework: Agile project methodology, Project Team and Stakeholder Managements

Cyber Security Analysis
Post Graduate

Algonquin College, Ottawa, ON   **Sep 2021 – Sep 2022**

- Deans Honors List
- Relevant Coursework: Network Security, Endpoint detection, Server management, Threat and Vulnerability Management, Penetration Testing, Digital Forensics, Applied Cryptograph, Data backup and Disaster recovery

Computer Science and Engineering
Bachelor of Technology

University College of Engineering Karyavattom, Kerala, India   **Sep 2016 – Apr 2020**

- First Class
- Relevant Coursework: Distributed systems, Embedded computing, Object Oriented Programming and concepts, Operating Systems, Microcontrollers and Processors

Academic Projects

Dynamic Full Stack Application Movie Review application using Java services   Oct 2023

- Developed a full-stack web application using Java for backend services and React for the frontend.
- Implemented RESTful APIs with Spring Boot and integrated MongoDB for database management.
- Emphasized collaborative task management and implemented a **RESTful API** for seamlesscommunication.
- The project features dynamic data retrieval and real-time updates, providing a robust and responsive user experience for managing movie information and reviews.
- Developed a dynamic To-Do List application using Java and Spring Boot.

Incident Response Project   **Nov 2022**

- Conducted incident Response for a client's important assets(Web servers) to identify indicators of Compromise(IoC).
- Configured an intrusion Detection System to categorize traffic logs from a machine by ping type and to forward them to another machine containing **Splunk (SIEM) Security and Information Event Management System.**
- Documented the creation and confirmation of the system in a report to help the client understand the programming and layout of networks.

Glove-PI   **Jan 2020 – Apr 2020**

- Led a team of four members to create a working embedded communication device targeting individuals with verbal communication disabilities.
- Developed an Android app using **JavaScript in Android Studio** to serve as the interface for thecommunication device.
- Utilized Arduino as the **microcontroller** platform and integrated a Bluetooth module and touch sensor forseamless wireless communication and user interaction.

Git-Hub Repository
https://github.com/AravindPullarcot