

Anvesh Durgam
Full Stack Java Developer
nanianvesh6127@gmail.com
9182049590

Summary:

- Proficient in Java Full Stack Development with hands-on experience through training and academic projects using **Spring Boot, Spring Core, Spring MVC, Spring Data (JDBC, JPA), Spring Security, Spring Cloud, Hibernate, and Microservices architecture.**
- Strong understanding of Java 8 and Java 11 features including **Lambda Expressions, Stream API, Functional Interfaces, var keyword, updated HTTP client, and memory management tools.**
- Hands-on experience in developing **Single Page Applications (SPAs)** using **ReactJS**, including components, props, state management, hooks, routing, and form handling.
- Proficient in using **RESTful APIs** for client-server communication and tested endpoints using **Postman**.
- Strong foundation in **Object-Oriented Programming (OOP)**, **collections framework, exception handling, inheritance, polymorphism, data abstraction, Encapsulation** all types of interfaces.
- Strong foundation in **Core Java** features including method overloading/overriding, autoboxing/unboxing, and annotations.
- Hands-on experience with **Hibernate ORM** for database operations using **HQL** in training projects.
- Knowledge of **Dependency Injection** (constructor, setter, method, and interface injection) and **Spring IoC container, bean scopes, and lifecycle callbacks.**
- Familiar with **Spring MVC architecture** including controllers, view resolvers, and servlet configuration.
- Experience in **front-end technologies** such as **HTML, CSS, JavaScript, jQuery, JSON, XML, and Bootstrap.**
- Basic knowledge of **shell scripting** and **automating** simple data tasks.
- Worked with **SQL+** and **MySQL** for **database** design, indexing, and writing efficient **SQL queries.**
- Comfortable with tools like **Maven** and **Gradle** for **build automation** and **dependency management.**
- Well-versed in the **Software Development Life Cycle (SDLC)** through academic projects including requirement analysis, design, development, testing, and deployment.
- Used version control systems like **Git** and **Bitbucket** for collaborative development and code management.
- Quick learner with excellent problem-solving, time management, and communication skills, and a passion for continuous learning and adapting to new technologies.

Education:

- Bachelors of Engineering in Computer science and engineering, Anurag college of engineering, Hyderabad, Telangana.

Technical Skills:

| | |
|-----------------------|--|
| Programming Languages | Java 11/ 8, J2EE, PHP, Python |
| Java Frameworks | Spring Boot, Spring Core, Spring MVC, Spring Security, Spring Data (JDBC, JPA), Spring Cloud, Hibernate, Microservices |
| Scripting Languages | JavaScript, jQuery, AJAX, Shell Script |
| Web Technologies | JSP, Servlets, HTML, CSS, XML, ReactJS, TypeScript, Bootstrap |
| Databases | Oracle, SQL Server, MySQL, SQL Plus |
| Application Servers | WebSphere, WebLogic, Tomcat, JBoss |
| Build Tools | Maven, Gradle |
| Version Controlling | Git, Bit bucket |
| Environment | Windows Server 2012/2008/2003, Windows 7 & XP/2000, UNIX, LINUX |

Projects:

1. Cryptocurrency Price Prediction and Analysis using AI

Technologies: Python, TensorFlow, NumPy, Pandas, Matplotlib, Flask

Built AI-based predictive models for forecasting cryptocurrency prices using time series analysis and machine learning algorithms.

Integrated real-time data from APIs and performed sentiment analysis on market trends.

Deployed an interactive Flask dashboard for real-time data visualization and analytics.

2. Membership Inference Attack & Defense in Wireless Signal Classifiers

Technologies: Python, TensorFlow, Deep Learning

Developed privacy-preserving models to prevent unauthorized membership inference attacks on wireless signal classifiers.

Used adversarial training techniques to improve security against model extraction threats.

Researched and implemented defense mechanisms like differential privacy and knowledge distillation.

3. Employee Management System (Spring Boot + ReactJS)

Technologies: Java, Spring Boot, ReactJS, MySQL

Developed a RESTful API to manage employee records including CRUD operations and role-based access control.

Integrated ReactJS for a dynamic user interface with a Bootstrap-styled dashboard.

Implemented email notifications using Spring Mail API for employee onboarding.

4. Online Electronic Store (E-Commerce Platform)

Technologies: Java, Servlets, JSP, MySQL, SQL+

Designed a multi-category online store with product listing, cart management, and order processing.

Optimized SQL queries and indexing for faster product searches and efficient checkout performance.

Implemented session-based authentication using HTTP Session Management.