

ANVESH DURGAM

Full Stack Developer | QA Engineer | REST APIs | SDLC | STLC | Secure Web Apps

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🌐 Portfolio: <https://anvesh-21.github.io> | 🤖 GitHub: <https://github.com/Anvesh-21>

🔗 LinkedIn: <https://linkedin.com/in/anvesh-durgam-1479a4196/>

Professional Summary :

- Technically adept and motivated **Java Full Stack Developer** with robust experience in developing scalable and secure web applications using **Spring Boot, ReactJS, and Microservices Architecture**. Proficient in **Java 8/11** with strong understanding of modern features like **Lambda Expressions, Stream API**, and memory management. Specialized in backend technologies including **Spring Core, MVC, Data (JPA, JDBC), Security, Cloud, and Hibernate ORM** for backend development, along with solid frontend skills using **ReactJS, HTML, CSS, JavaScript, Bootstrap**, and related libraries.
- Experienced in developing **RESTful APIs**, integrating frontend-backend components, and using tools like **Postman, Maven, Gradle, GitHub, and Bitbucket**. Strong grasp of **OOP concepts**, Java Collections, exception handling, annotations, and interface types. Familiar with **SQL+ and MySQL** for data modelling, query optimization, and indexing.
- Knowledgeable in **Software Testing** practices and the **Software Development Life Cycle (SDLC)** including design, implementation, and deployment.
- Developed **RESTful APIs** using Spring Boot to perform **CRUD operations** for secure file transfer and employee data management. Integrated with MySQL and tested using **Postman**.
- Passionate about building scalable, secure, and user-centric applications, with a collaborative mindset and continuous drive to learn and contribute to high-impact development teams.
- 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 Technology in Computer Science and Engineering (Feb 2025)**
Anurag College of Engineering, Hyderabad, Telangana.
- **Intermediate (2017-2019)**
Sri Chaitanya Jr College, Hyderabad, Telangana.

Technical Skills :

Programming Languages	Java 11/8 (OOP, Streams, Lambda), J2EE (JSP, Servlets, JDBC), PHP (basic scripting), Python (scripting & automation)
Testing Skills	Manual Testing, Automation (Selenium, TestNG, JUnit), API Testing (Postman, REST Assured), Mobile Testing (Appium basics), Test Case Writing, Defect Reporting (JIRA, Bugzilla), QA Tools.
Java Frameworks	Spring Boot (REST API), Spring Core (IOC/DI), Spring MVC (MVC Pattern), Spring Security (JWT, OAuth2), Spring Data (JDBC, JPA), Spring Cloud, Hibernate ORM, Microservices Architecture
Scripting Languages	JavaScript, jQuery, Shell Script, TypeScript (typed JS for React)
Web Technologies	HTML, CSS, XML, JSP, Servlets, Bootstrap (responsive UI), ReactJS, TypeScript, RESTful APIs (CRUD operations, JSON/XML serialization)
Databases	MySQL (InnoDB, joins, indexing), SQL Plus, Oracle DB (PL/SQL procedures), SQL Server, ER Modeling & Normalization
Application Servers	Apache Tomcat (local deployment), WebSphere (enterprise hosting), WebLogic, JBoss
Version Controlling	Git, GitHub, Bitbucket
Tools & Environments	Maven, Gradle, Eclipse IDE, Spring Tool Suite (STS), Visual Studio Code, Postman (API Testing), NetBeans & Windows Server, UNIX/Linux Shell, Kali Linux

Projects :

1. Cryptocurrency Price Prediction and Analysis using AI

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

Built and tested a Flask-based web dashboard for data visualization and API integration. Performed API response validation and cross-browser compatibility testing.

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 (QA Focus)

Technologies: Java, Spring Boot, REST APIs, MySQL

Performed functional, integration, and regression testing on REST APIs built using Spring Boot. Validated CRUD operations for employee records using Postman. Wrote and executed test cases for role-based access control and login functionalities.

4. Online Electronic Store (E-Commerce Platform)

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

Designed and executed manual test cases for product listing, cart, and checkout modules. Conducted SQL-based database testing for order management and product search optimization. Tested session-based authentication and validated security scenarios.

Courses & Certifications :

- **FULL STACK JAVA DEVELOPER**
Naresh I technologies, Hyderabad, Telangana.
- **Fundamentals of Cyber-Security & Ethical-Hacking**
Education.Nikist.in | Online mode
- **PGDCA | WAVE Infotech**
AIM Computer Education, Bellampalli, Telangana.

Achievements & Extracurriculars :

- Earned a Digital certificate from Udemy for completing hands-on training on Java fundamentals, Object-oriented programming (OOP), Java syntax, class design, method operations, control structures, memory management, and foundational software engineering practices.

Certificate ID: UC-c8a42871-4c56-4315-8327-c6481459beff

- Awarded a Digital certificate by Hacking Flix issued via Sertifier for participating in technical Workshop focused on the foundational and advanced methodologies of Ethical Hacking, Cybersecurity & Digital Forensics.

Certificate ID: 5 4 1 3 6 3 1 0 2 2 6 4 0 9

Personal Details :

Full Name : Anvesh Durgam
Father Name : Prabhakar Durgam
Mother Name : RajyaLaxmi Durgam
Date of Birth : 21-March-2002
Gender : Male
Languages Known : English, Telugu, Hindi, Marathi
Nationality : Indian

Permanent Address : 1-222, Veegaon, Bhemini, Mancherial, Telangana- 504251

Declaration :

I hereby declare that the information provided above is true to the best of my knowledge & belief. I take full responsibility for the correctness of the particulars mentioned in this resume.

Place :

Date :

