

DILLIRAJA L

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SUMMARY

Aspiring Full-Stack Developer with hands-on experience in designing, developing, and deploying end-to-end web applications. Proficient in the Java ecosystem (Spring Boot, Hibernate) for robust backend services and modern frontend frameworks like React. Skilled in creating RESTful APIs, managing SQL databases, and leveraging AWS for cloud deployment. Passionate about building scalable, high-performance software and eager to contribute to a collaborative development team.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, MATLAB, HTML, CSS, SQL

Core Competencies: Data Structures Algorithms (Trees, Graphs), Java Fundamentals, Multithreading, Exception Handling, File Handling, Collections Framework, Java 8-21 Features

Web Technologies & Frameworks: Node.js, Express.js, React, Spring Framework, Spring Boot, Hibernate, REST API, Bootstrap, JSP, Servlets

Databases: MongoDB, PostgreSQL, MySQL, Oracle SQL

Tools & IDEs: IntelliJ IDEA, VS Code, Eclipse, Postman, Figma, Git, GitHub, Apache Tomcat

Cloud Platforms: AWS (EC2, S3)

PROJECTS

Alzheimer's Detection Using Deep Learning

- Designed and implemented a predictive model for early Alzheimer's detection using CNNs and LSTMs with PET and MRI scan images.
- Applied deep learning frameworks and advanced image processing techniques to enhance model performance.
- Achieved 99% accuracy, demonstrating the potential of AI in medical diagnostics.
- Contributed to research publications and presentations, strengthening expertise in healthcare AI.

Internet Banking Application (for GENPACT)

- Developed a secure Internet Banking Application for GENPACT with advanced features such as authentication, transaction management, and account monitoring.
- Implemented robust security mechanisms including encrypted login and session handling to ensure data protection.
- Deployed and tested the application on Eclipse IDE with Apache Tomcat, ensuring stability, scalability, and performance.

EDUCATION

Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College <i>B.Tech in Information Technology</i>	2021–2025 CGPA: 8.36
Sri Ayyan Vidyashram Higher Secondary School <i>HSC (Higher Secondary Certificate)</i>	2021 90.83%
Vaariar Matric Higher Secondary School <i>SSLC (Secondary School Leaving Certificate)</i>	2019 89%

CERTIFICATIONS

- Java Full Stack - Wipro
- AWS Solution Architect Associate - CADD CAMM Solutions (Completed with A Grade)
- Programming in Java - NPTEL (IIT, Ministry of Education, India)
- Python with Data Science - Vel Tech University
- Python - Pantech Learning

ACHIEVEMENTS

- Best Paper Award - National Conference on Advanced Functional Materials using AI (Nov 2024)
- 3rd Prize - National Level Project Competition by Computer Society of India, Chennai Chapter (Feb 2025)