

Dilliraja L

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Summary

I am an undergraduate with strong technical and analytical skills. Skilled in Java, SQL, HTML, CSS, JavaScript, and AWS with hands-on project experience in web development and deep learning. Passionate about solving real-world problems through technology, with achievements in research and competitions. Eager to contribute technical expertise to innovative software solutions.

Education

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

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.

Skills

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

Databases: MySQL, Oracle SQL

Web Technologies: Bootstrap, JSP, Servlets

Tools & IDEs: Eclipse, VS Code, Git & GitHub, Apache Tomcat

Cloud Platforms: AWS (EC2, S3)

Certifications

- 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)