

Darwin A

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Professional Summary

Detail-oriented B.E student in Electronics and Communication Engineering with a passion for software development and AI. Proven ability to apply technical skills in projects. Committed to continuous learning and delivering impactful solutions.

Education

B.E in Electronics & Communication Engineering

Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College,
2021-2025
CGPA: 8.18

Higher Secondary Education

Jai Gopal Garodia Matriculation Higher Secondary School,
2020-2021
Percentage: 86.1%

Secondary Education

Everwin Matriculation Higher Secondary School,
2018-2019
Percentage: 83.6%

Technical Skills

- **Languages:** Java, Python
- **Database:** MySQL
- **Tools:** Git & GitHub, Google Colab, Eclipse, MATLAB

Internships

MathWorks Internship: AI Using MATLAB

Duration: 3 months

Python Programming Virtual Internship

Conducted by IETE Organization

Software Developer Intern at Prodigy Infotech

Developed scalable software solutions, enhancing efficiency.

Projects

Diabetic Retinopathy Detection System

Developed a CNN model for classifying retinal images into disease severity categories.

Tools: Python, Google Colab

Voice-Controlled Home Automation

Engineered a cost-effective system for controlling device via voice commands.

Tools: Arduino, Bluetooth, Google Assistant

Certifications

- **Programming in Java** – NPTEL
- **Deep Learning** – NPTEL

Workshops

- **AI/ML Workshop** by SSN College
- **Deep Learning Techniques** by IoT Club

Idea Presentation

- **Noise Cancellation Hearing Aid** – Submitted for Smart India Hackathon
- **Deep Learning Approach for Detection of Diabetic Retinopathy** – Presented at Springer Conference

Soft Skills

- Perseverance, Resilience, Pliability