

MAMUDURU DHANUSH BABU

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OBJECTIVE

To leverage my creativity and passion for technology in building user-friendly applications while continuously learning new skills. With a foundation in Java Full Stack Development, I aim to contribute to a dynamic team, gain practical experience, and grow both technically and professionally.

EDUCATION

Sree Venkateswara College of Engineering, Nellore, AP (JNTUA) B.Tech in Electronics and Communication Engineering	2020 – 2025 CGPA: 7.23/10
Narayana Junior College, Nellore, AP Intermediate (MPC)	2018 – 2020 CGPA: 7.92/10
Narayana EM High School, Nellore, AP SSC	2018 GPA: 8.3/10

TECHNICAL SKILLS

- **Programming Languages:** Java, SQL, JavaScript
- **Frameworks & Tools:** Spring Boot, Hibernate, JDBC, React.js, Git, IntelliJ IDEA, VS Code
- **Web Technologies:** HTML, CSS
- **Databases:** MySQL
- **Concepts:** OOP, Data Structures, SOLID Principles, Agile Methodologies
- **Familiar With:** Python, NumPy, Pandas, scikit-learn, NLP

INTERNSHIP EXPERIENCE

- AI Trainee (Intern)** – Edu Station (Remote) *May 2023 – Jun 2023*
- Acquired foundational knowledge in NLP and machine learning using Python and libraries such as NumPy, Pandas, and scikit-learn.
 - Gained experience in data preprocessing concepts such as cleaning, tokenization, and vectorization for model training.
 - Developed **EchoDesk**, an AI-powered virtual helpdesk chatbot, with intent classification to enhance query recognition accuracy.
 - Documented the complete project workflow and presented a final demonstration of EchoDesk's capabilities to mentors.

PROJECTS

- ShopEase – Full Stack E-commerce Website** *Sep 2025*
- Tech Stack: Java, Spring Boot, MySQL, React.js, IntelliJ IDEA
- Built a full-stack e-commerce website with product listing, cart, and order modules using React and Spring Boot.
 - Integrated RESTful APIs with MySQL and debugged backend logic to ensure smooth data flow.
 - Designed and implemented modular backend architecture, focusing on scalability and efficient data handling.
 - Deployed the backend on **Render** and the frontend on **Vercel**, ensuring seamless integration and real-time functionality.
- Personal Portfolio Website** *Aug 2024*
- Tech Stack: JavaScript, HTML5, CSS3, Netlify
- Built a responsive single-page portfolio to effectively showcase technical projects and professional skills.
 - Designed an intuitive user experience by implementing smooth navigation and interactive UI elements.
- Vehicle Accident Detection using GPS & GSM Module** *Jan 2024 – Apr 2024*
- Tech Stack: Arduino IDE, Accelerometer, GPS/GSM Modules
- Engineered an IoT-powered device using an Arduino and accelerometer for real-time accident detection.
 - Automated emergency alerts by programming a GPS+GSM module to transmit live coordinates via SMS in under 5 seconds.
 - Improved system accuracy by refining sensor calibration with guidance from senior colleagues.

CERTIFICATIONS

- **Oracle Certified Foundations Associate** – Oracle
- **NPTEL Certification in Internet of Things** – IIT Madras
- **TCS iON Career Edge - Young Professional** – Soft Skills & Communication
- **Certificate of Excellence in PCB Designing and Fabrication** – Hands-on Workshops