

# VISHNU VARDHAN MANDAGADLA

System Development Engineer | Python & Django Developer

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links: [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## PROFILE

Highly motivated Computer Science graduate with a strong foundation in full-stack development using Python, Django, and foundational React. Experienced in building scalable systems and real-world applications, as well as developing creative 3D solutions in Blender. Quick learner with a passion for data quality, clean architecture, and continuous innovation—ready to make a significant impact in technology-driven teams.

## SOFT SKILLS

- **Programming Languages:** Python, Java (basic), Django
- **Web Development:** HTML, CSS, JavaScript
- **Backend & Database:** SQL, Firebase Realtime DB, CRUD operations
- **Frameworks & Tools:** React, Tailwind CSS, Three.js, Blender, Git, GitHub
- **Microsoft Office:** Excel, Word, PowerPoint

## EXPERIENCE

### Web Developer – SETHU Project (Freelance, Remote)

May 2023 – Aug 2023

- Developed a web platform for attendance, payroll, and performance management using React, Tailwind CSS, and Three.js.
- Boosted reliability and reduced load times by 25%.

### Full Stack Developer – Nightwake Studios (Freelance, Remote)

Dec 2024 – Mar 2025

- Created an interactive company website with React and Firebase.
- Improved UI/UX for seamless navigation and branding consistency.

### Software Developer – Rajamahendri Institute of Engineering and Technology (Freelance)

Jan 2023 – Jun 2023

- Designed and implemented the **Time Table Generator** using Django, increasing scheduling efficiency by 30%.
- Built the **Attendance Manager** in Django for automated logging and reports, cutting errors by 90%.
- Developed a **Student Communication Platform** with HTML and CSS, improving engagement and accessibility.

## PROJECTS

### Thyroid Nodule Detection using Deep Learning (Final Year Academic Project)

- Developed a CNN model for thyroid nodule classification using ultrasound images.
- Integrated TensorFlow backend with user-friendly frontend.

- *Created system architecture and UML diagrams for maintainability.*

[GitHub Link](#)

#### **Personal Portfolio Website**

- *Designed and launched a responsive portfolio showcasing skills, projects, and experience.*
- *Built with React for dynamic content and engaging user interface.*

[Portfolio Link](#)

## **EDUCATION**

### **Rajamahendri Institute of Engineering and Technology**

*B.Tech, Computer Science (JNTUK, Kakinada) | Rajamundry, India*

*Nov 2021 – Apr 2025 | CGPA: 7.6*

### **Vidhya Vikas Junior College**

*Intermediate (AP State Board) | Jangareddygudem, India*

*Nov 2019 – Mar 2021 | Grade: 92%*

### **St. Joseph's E.M. High School**

*SSC (AP State Board) | Vellachintalagudem, India*

*Jun 2018 – Mar 2019 | Grade: 9.7/10*

## **CERTIFICATIONS**

- **Django with Machine Learning** | DATA POINT, Hyderabad (Online)
- **HTML Course** | Infosys Springboard (Online)
- **Python Course** | edX (by Microsoft, Online)

## **ACHIEVEMENTS**

- *Reduced errors by 90% through automated attendance tracking.*
- *Improved scheduling efficiency by 30% with custom timetable generator.*
- *Managed data for over 5,000 users, ensuring accuracy and scalability.*
- *Boosted engagement for 2,000+ users via a real-time communication platform.*
- *Led QA projects, cutting page load time by 25% and enhancing user experience.*