

Miriyalu Nandu Vasanthi

Full-Stack Developer — Python — Django — React — Node.js

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PROFESSIONAL SUMMARY

Full-Stack Developer with hands-on experience designing and deploying **3+ full-stack applications** using **Python, Django, React, Node.js, and MongoDB**. Built secure authentication systems, RESTful APIs, and automated background workflows supporting **100+ users**. Improved application efficiency by up to **40–50%** through optimized database design, task automation, and scalable architecture.

EDUCATION

B.Tech in Computer Science Engineering

Vasireddy Venkatadri Institute of Technology (VVIT), Guntur

2022 – 2026

CGPA: 8.44/10

Intermediate (MPC)

Sri Chaitanya Junior College, Guntur

2020 – 2022

Percentage: 96.2%

SSC

Presidency High School, Guntur

2019 – 2020

Percentage: 87%

TECHNICAL SKILLS

Programming Languages

Python, Java

Frontend Technologies

React, JavaScript (Basics), HTML5, CSS3, Tailwind CSS, Bootstrap

Backend Technologies

Django, Node.js, Express.js, RESTful APIs

Databases

MySQL, MongoDB

Soft Skills

Communication Skills, Problem Solving, Team Collaboration

INTERNSHIP EXPERIENCE

Python Full-Stack Developer Intern — Infosys Springboard (Remote)

Sep 2025 – Nov 2025

- Completed a structured **10-week Internship 6.0 (B2)** involving end-to-end application development.
 - Engineered **StudyTrackAI**, an AI-based study habit tracking system used by **100+ students**.
 - Implemented secure **role-based authentication**, reducing unauthorized access incidents by **100%**.
 - Delivered real-time dashboards tracking **10+ courses per user**, improving progress visibility by **40%**.
 - Automated **3+ scheduled notification workflows** using Celery and Celery Beat, cutting manual follow-ups by **50%**.
 - Optimized **MySQL schemas and queries**, reducing average data retrieval time by **25%**.
 - Strengthened application security using CSRF protection, session management, and Django best practices.
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PROJECTS

Task Management Dashboard

[GitHub](#)

- Delivered a full-stack task management system supporting **50+ test users**.
- Integrated **JWT-based authentication**, securing **100% of protected API routes**.
- Architected **10+ RESTful endpoints** using Node.js and Express for complete task lifecycle management.
- Crafted a responsive UI using React and Tailwind CSS, reducing task completion time by **30%**.
- Modeled MongoDB collections with Mongoose, improving data consistency and validation.

Code Translator and Compiler Platform

[GitHub](#)

- Constructed an **AST-based platform** supporting translation across **3 programming languages**.
 - Enabled secure authentication with JWT, Google OAuth, OTP verification, and password recovery flows.
 - Designed custom AST parsers handling **15+ syntax constructs** across Java, Python, and C.
 - Integrated JDoodle API with fallback execution, achieving **95% successful compilation rate**.
 - Stored **100+ execution records** with history filtering for debugging and analysis.
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CERTIFICATIONS

- Python Full-Stack Developer Internship — Infosys Springboard

- Python Fundamentals — HackerRank

- Java — NPTEL

- Java Programming for Beginners — Simplilearn