

Miriyala 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
<ul style="list-style-type: none">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.	

PROJECTS

Task Management Dashboard	GitHub
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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.	

CERTIFICATIONS

- Python Full-Stack Developer Internship — Infosys Springboard
- Python Fundamentals — HackerRank
- Java — NPTEL
- Java Programming for Beginners — Simplilearn