

B. MANASA YASASWINI

Backend Heavy Full-Stack Developer

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PROFESSIONAL SUMMARY

Motivated Web Designer and Full-Stack Developer with hands-on experience building AI-powered web applications using Python, Flask, HTML5, CSS3, and JavaScript. Completed a 7-month intensive Backend Heavy Full-Stack Developer course at AI Karyashala, Visakhapatnam. Experienced in REST API development, database management (SQLite), and deploying applications to production. Brings professional experience from WNS Global Services and strong soft skills. Passionate about building user-friendly, real-world products and eager to contribute to a dynamic development team.

TECHNICAL SKILLS

Languages:	Python, JavaScript, C	Frontend:	HTML5, CSS3, Responsive Design
Backend:	Flask, REST APIs	Databases:	SQLite, PostgreSQL (basics), Neon
Design Tools:	Figma	Tools & Platforms:	Git, GitHub, VS Code, Vercel
Other:	Typing: 30 WPM	Soft Skills:	Team Collaboration, Communication

PROJECTS

MyTechicon – AI-Powered Technical Dictionary github.com/Manasayasaswini/MyTechicon | 530020.online/mytechicon

Python · Flask · HTML5 · CSS3 · JavaScript · SQLite · AI/LLM API

Built a full-stack web application enabling users to capture, simplify, and master technical terms through AI-generated definitions and personal multimedia notes. Integrated an LLM API for intelligent definitions, implemented SQLite for data persistence, and deployed to a live custom domain.

Sanskrit Sarathi – Sanskrit Learning Platform github.com/Manasayasaswini/SanskritSarathi

Python · Flask · HTML5 · CSS3 · JavaScript

Designed and developed an interactive web platform to teach Sanskrit through structured lessons, vocabulary, and practice exercises. Focused on accessible UI design and a progressive, beginner-friendly learning flow.

Real Estate Web Application (Team Project) github.com/Manasayasaswini/realestate

HTML5 · CSS3 · JavaScript · Python · Flask

Collaborated in a team to build a responsive real estate web app featuring property listings, search and filter functionality, and a clean UI for seamless browsing across all screen sizes.

BlastAnalyser – Bioinformatics AI Tool (Team Project · Buildathon 2026, Vizag)

github.com/Buildathon26/Buildathon26-AIK-Team-4

Python · Flask · AI/LLM · HTML5 · CSS3 · JavaScript

Built during Buildathon 2026, an AI hackathon held in Visakhapatnam. Developed a bioinformatics tool to analyse BLAST DNA sequence results using an LLM, helping researchers interpret genomic data more efficiently through AI-generated summaries and insights.

Academic Projects – Avanthi Institute of Engineering & Technology

IoT · Arduino · Embedded C · GPS · GSM · Ultrasonic Sensors

Smart Road Safety System · Smart Safety Device for Women & Children · Smart Blind Stick — 1st Place, Model Making Competition, PraRambh-2k19

WORK EXPERIENCE

Junior Associate · WNS Global Services

March 2024 – December 2024

Visakhapatnam, Andhra Pradesh | Business Process Outsourcing

- Processed and managed client data with high accuracy in a fast-paced BPO environment.
- Collaborated with cross-functional teams to consistently meet daily targets and SLA requirements.

EDUCATION

Degree / Level	Institution	Year	Score
B.Tech – Electronics & Communication Engineering (ECE)	Avanthi Institute of Engineering & Technology	2019 – 2023	CGPA: 6.98
Intermediate (MPC)	Sri Chaitanya Junior College	2017 – 2019	CGPA: 8.2
10th SSC	Ravindra Bharathi EM School	2017	CGPA: 9.8

CERTIFICATIONS & COURSES

- **Backend Heavy Full-Stack Developer** – AI Karyashala, Visakhapatnam · 7-month intensive program (Python, Flask, Databases, REST APIs, Web Development)
- **1st Place – Model Making Competition** · Project: Smart Blind Stick · PraRambh-2k19, Avanthi Institute of Engineering & Technology
- **Python Programming Workshop** – APSSDC (Andhra Pradesh State Skill Development Corporation) · Certified completion
- **Soft Skills Training Certificate** – WNS Global Services · Workplace communication & professional effectiveness