

MAANYA S AITHAL

Computer Science & Design Undergraduate | Full Stack Developer | React Developer

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PROFILE

Creative and performance-driven Computer Science & Design undergraduate with a passion for full-stack development, user-focused design, and emerging technologies. Experienced in building responsive, scalable web applications using React, Flask, and modern toolchains. Demonstrates strong problem-solving skills, AI/ML curiosity, and a deep commitment to writing clean, maintainable code. A quick learner and effective collaborator with the ability to work independently, debug complex systems, and deliver reliable solutions under deadlines.

TECHNICAL SKILLS

- Languages: C, C++, Java, Python
- Frontend: HTML, CSS, JavaScript, React.js, Tailwind CSS, Framer Motion
- Backend: Flask, Django, Node.js
- Database: MySQL, MongoDB
- Developer Tools: GitHub, VS Code, Eclipse, Figma, Postman, Firebase, Netlify, Vercel
- Other: REST APIs, Web Scraping (BeautifulSoup)
- AI/ML: Hugging Face Transformers, NLP
- Build Tools: npm, Vite

PROJECTS

• AgriZen – Smart Agriculture Platform

Built a farmer-focused web platform providing real-time crop prices, weather insights, and equipment sharing using Flask and web scraping. Implemented multilingual UI, API integrations, and responsive design for accessibility in rural environments.

Tech Stack: Python, Flask, BeautifulSoup, HTML, CSS, JavaScript.

GitHub: <https://github.com/Maa8nya/AgriZen>

• SheShines – Women Empowerment Platform

Designed and developed an individual full-stack web application supporting women with startup ideas, mentorship, and skill exchange features. Integrated an AI chatbot using Hugging Face Transformers for personalized suggestions.

Tech Stack: Python, Flask, HTML, CSS, JavaScript, Hugging Face Transformers

GitHub: <https://github.com/Maa8nya/SheShines>

- **InfraWise – AI-Powered Construction Planning Web App**

Collaborated with a team of 3 to build “InfraWise,” a smart construction planning platform using real-time weather and location data. Enabled clients to **find and connect with nearby contractors**.

Tech Stack: Flask, Firebase Firestore, OpenWeather API, OpenCage API.

HACKATHONS & TECH EVENTS

- Global Rank 382 – Unstop (Coding & Hackathons Platform) | **Profile:** <https://unstop.com/u/maanyait8831>
- Myntra HackerRamp: WeForShe 2024
- Flipkart GRiD 6.0 – Software Development Track
- PixelFlow 2.0 – IIIT Bangalore
- Web Dev Mastery Quiz – techSPARK

EDUCATION

Bachelor of Engineering (B.E.) in Computer Science & Design at Mysore University School of Engineering, Mysuru, Karnataka

2022 – 2026 | Current: 7th Semester | CGPA: 9.864

Pre-University – PCMB

BGS Girls PU College | 2020–2022 | 93.5%

Sri Adichunchanagiri Central School | 2008–2020 | CGPA: 8.08

LANGUAGES

English, Hindi, Kannada, Telugu – Full Professional Proficiency

CERTIFICATIONS & WORKSHOPS

- **Fundamental AI Concepts** – Microsoft
Core principles of AI, machine learning life cycle, and ethical considerations.
- **Fundamentals of Generative AI** – Microsoft
Studied diffusion models, transformers, and applied generative AI workflows.
- **Cybersecurity Training** – Skill Vertex
Gained foundational knowledge in network security, ethical hacking, and cyber threats.
- **Git & GitHub Workshop** – WsCube Tech
Gained practical experience in version control systems, repository management, branching strategies, and collaborative workflows using Git and GitHub.
- **Fundamentals of Docker & Kubernetes** – Scaler
Learned containerization using Docker, image creation, container orchestration with Kubernetes, deployment strategies, and basic cluster management concepts.
- **AI for Students: Build Your Own Generative Model** – NextWave
Practical workshop on training basic generative models with focus on creativity, personalization, and ethical AI use.