Amruta Hegde

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PROFESSIONAL SUMMARY

Software Developer (Full Stack) and MCA student with hands-on experience building scalable web applications using **Python, Django, Flask, React, and SQL databases**. Strong foundation in **backend engineering, REST API development, database design, and responsive UI development**. Experienced in **software development lifecycle(SDLC), debugging, and version control**. Seeking **entry-level Software Developer or Full Stack Developer** roles.

TECHNICAL SKILLS:

Programming Languages: Python, Java, C, JavaScript
Frontend Technologies: HTML5, CSS3, Bootstrap, React
Backend Frameworks: Django, Flask, Node.js
Databases: MySQL, PostgreSQL, MongoDB
APIs & Architecture: RESTful APIs, CRUD Operations, MVC Architecture
AI/ML & Data: Machine Learning, NLP, EDA, TensorFlow, NumPy
Data Visualization: Tableau, Power BI, Matplotlib, Seaborn
Tools & Platforms: Git, GitHub, VS Code, PyCharm, Eclipse
Core Concepts: OOP, SDLC, Debugging, Version Control

INTERNSHIP EXPERIENCE

Full Stack Development Intern - SVARKS Information Technology LLP, Bengaluru | April 2024 - June 2024 (245 Hours)

Developed frontend components using **HTML, CSS, JavaScript, and Bootstrap**, built backend features using **Python frameworks with database integration**, and implemented **CRUD operations and RESTful APIs** while using **Git/GitHub** in an **Agile development environment**.

PROJECTS

1.Online Intelligent Tourist System
Tech Stack: Django, Python, HTML, CSS, JavaScript, Bootstrap, MySQL
Built a **full-stack travel planning application** with intelligent recommendations, implemented **RESTful APIs**, **MySQL database design**, **CRUD operations**, and **role-based authentication**, and developed **responsive UI components** to improve overall user experience.
🔗 **Online-Intelligent-Tourist-System**

2. Smart Placement Management System
Tech Stack: Python (Flask), MySQL, HTML, CSS, JavaScript, Bootstrap
Developed a **web-based recruitment management system** for student placements and implemented **backend logic**, **REST-based services**, and **relational database integration**. 🔗 **Smart_Placement_Portal**

3. AgroTracking - Smart Farm Management System
Tech Stack: React, JavaScript, Flask, Python, SQLite, Git
Built a **full-stack dashboard** using **React and Flask**, and implemented **backend APIs**, **database operations**, and **version control using Git.**
🔗 **Agro_Tracking**

4. AI-Driven University Assistant (Ongoing)
Tech Stack: Python, Flask, OpenCV, MySQL, SQLAlchemy, Gemini LLM
Developing an **intelligent campus system** with **face recognition attendance**, and implementing **computer vision pipelines** along with **LLM-based chatbot integration**.

EDUCATION

Master of computer applications- Chanakya University, Bengaluru, India - CGPA:8.48 | Expected graduation-2026
Bachelor of computer applications- JSS SMI Ug & Pg Studies, Dharwad, India - CGPA:9.16 | 2021-2024

CERTIFICATIONS

- Basic SQL and Python - HackerRank
- Artificial Intelligence Fundamentals - IBM SkillsBuild

✓ Strong interest in **problem-solving, backend development, scalable system design**, and **continuous learning.**