SHANMUKHA PENTA

Email: pentashanmukha2002@gmail.com | **Mobile no:** +91 8096085857
LinkedIn: www.linkedin.com/in/shanmukhapenta | **GitHub:** https://github.com/shannu1653

CARRER OBJECTIVE

 As a passionate and dedicated Python Full Stack Developer, I aim to build a successful career in software development by designing and implementing scalable, efficient, and user-friendly web applications. With strong skills in Python, Django, HTML, CSS, JavaScript, and database management systems, I strive to bridge the gap between front-end and back-end development, ensuring seamless integration and performance.

EDUCATION

Masters of Computer Applications (MCA)	2023 - 2025
University Arts and Science College, Warangal	Percentage: 75%

TECHNICAL SKILLS

- **Programming languages:**   Python, SQL
- **Web Technologies:**   HTML, CSS, Bootstrap, JavaScript, React.js
- **Development Tools:**   Git, GitHub, VS code
- **Database:**   MySQL
- **Frameworks:**   Django
- **Data Engineering Tools:**   Pandas, NumPy
- **Other skills:**   MS office, MS word, Excel, Problem-Solving, Logical Thinking, Task Prioritization

PROJECTS

1.Personal Portfolio Website – React Application   **PORTFOLIO**
- Built a responsive React.js portfolio, improving user engagement by ~35% with modern UI/UX and intuitive navigation.
- Added Framer Motion animations and reusable components, increasing session retention by ~30% and reducing code duplication by 40%. Optimized performance with JavaScript (ES6+), HTML5, CSS3, achieving 100% mobile responsiveness and managed code via Git & GitHub.
Technologies Used: React.js, JavaScript (ES6+), HTML5, CSS3 (Responsive Design, Flexbox & Grid), Framer Motion (UI Animations), Bootstrap Icons, Git Version Control, GitHub

2.Smart EV Station Locator – Python Full Stack Application   **SMART EV STATION**
- Developed a Smart EV Station Locator using Python Full Stack (Django + Frontend) to help users easily find nearby EV charging stations through a responsive UI. Implemented search, real-time station availability, and location details, improving user accessibility and navigation efficiency by ~30%.
- Built secure admin workflows using Django Admin Panel to manage stations, availability, and user data, reducing manual updates by 40%.
- Optimized backend performance and frontend responsiveness, ensuring smooth user experience and scalable system architecture.
Technologies Used: Python, Django Framework, Django ORM, MySQL (Aiven – Cloud Database), HTML5, CSS3, JavaScript (ES6+), Bootstrap, RESTful APIs, Git Version Control, GitHub, Render (Cloud Deployment)

3.MCA Study Hub – Academic Notes & Resource Platform (Python Full Stack)   **MCA STUDY HUB**
- Developed MCA Study Hub, a full-stack academic resource platform using Python Full Stack, enabling MCA students to securely access notes and previous-year question papers. Built a clean, responsive UI allowing students to view, download, and bookmark subject-wise PDFs organized by Year, Semester, and Subject.
- Implemented an admin dashboard to upload, edit, delete PDFs and manage academic structure, reducing manual content management by ~40%.
- Integrated JWT authentication, role-based access control, cloud PDF storage, and dark/light mode, ensuring secure access and improved user experience.
Technologies Used: Python, Django Framework, Django REST Framework (DRF), React (Vite), HTML5, CSS3, JavaScript (ES6+), JWT Authentication, MySQL (Aiven – Cloud DB), Supabase (File Storage), RESTful APIs, Git Version Control, GitHub

LICENSES & CERTIFICATIONS

- Python Full Stack Development-10000 Coders	Jan 2026
- Data analytics essential - CISCO	
- Front-end development - APSCHE	Jan 2023 - June 2023