Shashank R

(Software Engineer, Developer)
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WORK EXPERIENCE

Yuga Yatra Retail (OPC) Private Limited   **June 2025 − Sep 2025**

Remote (Software Engineer)   *Bengaluru, Karnataka*

- Developed and maintained application modules using **JavaScript, REST APIs, and modern web technologies**, improving overall system performance and reliability.
- Integrated backend services with front-end components, ensuring seamless data flow and efficient client–server communication.
- Performed debugging, unit testing, and validation of features using developer tools and version control (Git), ensuring stable and error-free deployments.

EDUCATION

Surana College (Autonomous)   **Jan 2024 − Oct 2025**

Master of Computer Application (MCA)   *Bengaluru, Karnataka*

PROJECTS

College Portal − Full Stack Web Application ⬀ / Python, PostgreSQL, CSS, JavaScript

- Developed a modular college management system using **Django MVC**, implementing authentication, RBAC, and session management.
- Designed relational data models and optimized database operations using **PostgreSQL + Django ORM**.
- Implemented **real-time mentor allocation workflow**, auto-mapping students to mentors using backend algorithms.
- Configured production-ready setup: **Gunicorn, Render deployment YAML, environment variables, runtime config, and build scripts**.
- GitHub Repository Here

Amazon Frontend Clone ⬀ / HTML, CSS, JavaScript.

- Built a pixel-accurate **Amazon UI replica** using semantic HTML5 and modular CSS3 with flexbox, absolute layouting, and responsive design patterns
- Implemented component-based UI (navbar, search module, hero slider, product grids) with optimized asset handling and reusable CSS utilities.
- Integrated **Font Awesome**, custom animations, hover transitions, and DOM-ready structure for future JS functionality.
- GitHub Repository

TECHNICAL SKILLS

Programming Language and Data Science: Python, data visualization, supervised and unsupervised learning algorithms, Machine Learning.

Technologies/Frameworks: Numpy, Pandas, MatplotLib, Scikit-learn, REST APIs, Flask, Django, Cloud Computing, Css, HTML, JavaScript, Reactjs.

Database: DBMS, PostgreL, MongoDB

Developer Tools: VS Code, PyCharm, GitHub, Jupyter Notebook, Amazon Web Service.

CERTIFICATIONS

- **Python Full Stack Developer − Edu Skill (AICTE)**

SOFT SKILLS

- **Analytical Thinking · Effective Communication · Leadership · Adaptability**

INTERESTS

- **AI/ML · Software Development · Prompt Engineer**