

Saroon K

Python Full Stack Developer

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Profile Summary

Full-stack web designer and developer seeking a competitive and challenging environment to serve your organization with a position that utilizes my experience in programming.

Technical Skills

- **Languages:** JavaScript, Python, SQL, HTML, CSS
- **Libraries & Frameworks:** Django, Flask, Bootstrap
- **Databases:** MySQL
- **Tools & Platforms:** Git, GitHub

Experience

QUEST INNOVATIVE SOLUTIONS PVT LTD

Present

Python Full Stack Developer Intern, Calicut

- Developed and maintained web applications using Python and Django for backend functionality.
- Worked with front-end technologies like HTML, CSS, and JavaScript to create responsive and user-friendly interfaces.
- Integrated MySQL database for efficient data management and storage.
- Applied version control with Git, hosting the project on GitHub for code management and feature integration.
- Strengthened problem-solving and analytical skills through real-world project challenges

ACER INDIA PVT LTD

Sep 2023 – Oct 2023

Production Trainee, Puducherry

- Performed final quality inspections on over 500 products, ensuring zero defects before shipment.
- Installed and tested BIOS configurations, achieving a 98% success rate in hardware setup.
- Configured and verified operating systems (OS) to meet production standards and proper functionality.

INDIKA AI PRIVATE LIMITED

Oct 2022 – Jan 2023

Speech Data Analyst Intern, Mumbai (Remote)

- Managed transcription processes in the first month by completing 100+ commands per day, ensuring accuracy and efficiency.
- Conducted daily quality checks on transcriptions, resolving issues to maintain high data integrity.
- Transcribed and analyzed 1 hour of audio data daily from the second month onward, achieving a 99% accuracy rate in transcription.

Education

DIPLOMA IN COMPUTER ENGINEERING

Indira Gandhi Polytechnic College

2020 – 2023

Mahe, Kerala

Higher Secondary Education

Govt. Vocational Higher Secondary School

2018 – 2020

Vatakara, Kerala

Projects

Trusted and Secure Medical Records: Clinical Management System | Flask (Python), Blockchain, MySQL, HTML, CSS, JavaScript

- Developed the system using Hyperledger Fabric Blockchain to securely store and manage patient records.
- Reduced data storage overhead by utilizing InterPlanetary File System (IPFS) for decentralized storage of medical records.
- Introduced features for appointment scheduling, prescription management, and doctor administration.
- Developed the backend using Flask with MySQL as the database and built the frontend using HTML, CSS, and JavaScript to create a responsive and interactive user interface.

MediCore: Hospital Management System | Django, Bootstrap, SQLite, HTML, CSS, JavaScript

- Developed a user-friendly, multi-module system allowing doctors, admins, and patients to interact.
- Implemented secure user authentication with role-based access, enabling admins to approve doctor and patient accounts.
- Built an efficient appointment booking system where patients can view available doctors and schedule appointments, enhancing patient engagement and service accessibility.
- Simplified hospital operations through a centralized platform for appointment management and user approval, contributing to a streamlined patient-doctor experience.

Personal Portfolio Website | HTML, CSS, JavaScript

[Github](#) [Live](#)

- Designed and developed a personal portfolio website to showcase my skills, projects, and professional experiences.
- Implemented a clean and modern user interface, emphasizing usability and accessibility.
- Maintained and updated the website regularly to reflect new skills and projects.

Rentify: Product Rental Platform | Django, Bootstrap, HTML, CSS, JavaScript

- Developed a product rental platform with Django, featuring user authentication and an admin module to manage product postings, enquiries, and approvals.
- Implemented dynamic product management by allowing users to post rental products, submit rental enquiries with start/end dates and contact details, and track approval statuses, reducing manual processing and enhancing system automation.
- Integrated real-time inventory management to prevent overbooking by automatically updating product quantities upon approval and rental periods.
- Designed a responsive frontend using HTML, CSS, JavaScript, and Bootstrap, optimizing the user experience on both desktop and mobile platforms.

Certifications

AI Tools Workshop

Participated in a 1-day bootcamp focused on the most effective AI tools and their applications, enhancing skills in utilizing AI for efficient workflows.

How To CSS

Completed a 5-day intensive bootcamp focused on CSS, where I learned advanced styling techniques and best practices, and successfully developed several projects to enhance web design skills.