

Mudasir Mushtaq

Bachelors Of Technology, VIT Vellore

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Experience

Backend Developer Intern, ISAACS Smartheart Pvt. Ltd.

April 2024 – July 2024

- Played a key role in designing and developing the foundational web framework for the startup from the ground up, working closely with a dynamic team.
- Spearheaded the backend development using **Django**, implementing robust authentication systems, **Django Allauth** for secure user registration and login functionalities.
- Collaborated with the frontend team to seamlessly integrate React for building a responsive and intuitive user interface, ensuring smooth interaction between backend APIs and frontend components.
- Emphasized best practices in security and scalability, using **PostgreSQL**, creating a registration process that adheres to industry standards for user data protection.

Education

Bachelor's in Tech, Computer Science with specialization in Information Security

2021 – 2025

Vellore Institute Of Technology, Vellore

CGPA: **9.02**

Projects

ResumePro: Automated Resume Creation and Job Matching with NLP

[Github Link](#)

Tech Used: Django, Tailwindcss, SQLite3, Natural Language Processing, Spacy, Web Scrapping, PdfCrowd API

Developed a resume generator and Job Finder using Django and Tailwind, leveraging NLP (spaCy) to extract skills and match relevant job opportunities via Job platform API. Automated the process of creating resumes and integrated AI-driven keyword extraction to enhance job recommendations. The input user form is secured using CSRF protection.

ChessMaster: Turn-Based Strategy Game with Real-Time Play

[Github Link](#)

Tech Used: Websockets, JavaScript, Django, Tailwindcss, HTML, CSS, SQLite3, Git, Heroku

Designed and developed a web-based, turn-based strategy game inspired by chess. Integrated custom characters with unique movement and capture rules on a dynamic, responsive game board. Implemented real-time communication using WebSockets and built a REST API in Django for game logic. Deployed on Heroku with a SQLite database for data management.

CureClick: Online Medical Appointment Booking System

[Github Link](#)

Tech Used: Django, Tailwindcss, Python, Javacript, SQLite

Developed a comprehensive platform enabling patients to book appointments with doctors by selecting time slots based on availability. The system facilitates appointment management, including booking, cancellation, and tracking appointment statuses. It incorporates user roles for patients and doctors, supports clinic association, and ensures efficient time-slot management with real-time updates.

VendorTrack: REST API for Real-Time Vendor Performance Analytics

[Github Link](#)

Tech Used: Django, Django REST Framework, SQLite, Django Serializers & Signals

Designed a Django-based system to automate vendor performance tracking through real-time calculations of key metrics such as on-time delivery rate, quality rating, average response time, and fulfillment rate. Integrated Django REST Framework for API access, enabling seamless data retrieval and vendor management

Skills

Languages, Frameworks and Libraries: Python, C++, SQL, CSS, HTML, JavaScript, **Django**, Tailwind, Bootstrap, jQuery

Databases and Tools: SQLite, PostgreSQL, MySQL, Git, Websockets, **Kubernetes**, **Docker**

Authentication & Security: Django Allauth, OAuth, JWT

Core Subjects: Database Management System, Operating System, OOPS, Data Structures and Algorithms, Computer Networks

Certifications

AWS Certified Solutions Architect Associate (2024) | Amazon Web Services

[Link](#)

AWS Certified Cloud Practitioner (2024) | Amazon Web Services

[Link](#)

Position Of Responsibility and Achievements

Program Representative Computer Science with specialization in Information Security Branch, VIT (2021-2022)