Harsh Sahu

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WORK EXPERIENCE

Software Development Engineer I (SDE-1), ScaleReal Technologies Pvt. Ltd.   **July 2025 – Present**
- ➢ Promoted to SDE-1 after successfully completing a 6-month internship.
- ➢ Developed and maintained RESTful APIs using Django Rest Framework for production-grade applications.
- ➢ Designed and implemented a real-time trading platform using Django Channels, enabling live data streaming and low-latency updates.
- ➢ Worked on real-world, scalable systems with a focus on performance, reliability, and secure backend architecture.
- ➢ Collaborated with cross-functional teams to deliver high-quality features aligned with business requirements.

Python Backend Intern, ScaleReal Technologies Pvt. Ltd. ([offer letter](#))   **Jan 2025 – July 2025**
- ➢ Developed RESTful APIs using Django Rest Framework for a real-world project.
- ➢ Built a real-time notification system using Redis and Uvicorn for instant user alerts.
- ➢ Wrote unit and integration test cases using Pytest to ensure API reliability and maintainability.
- ➢ Contributed to building a scalable and secure backend in a cross-functional team environment.

Django Backend Intern, App Genesis Soft Solutions Pvt. Ltd.([Completion certificate](#)) Aug 2024 – October 2024
- ➢ Led backend development: databases, APIs, authentication, security.
- ➢ Sharpened DRF skills through hands-on API creation.
- ➢ Collaborated in cross-functional teams to integrate diverse technologies.
- ➢ Enhanced team collaboration and project delivery.
- ➢ Focused on secure, efficient backend solutions for user-centric applications.

PROJECTS

E-Commerce Platform [Tech Used**:** Python, Django, Django channels, Bootstrap, Google_Authentication, Redis**]**   [[LINK](#)]
- – **Easy Login:** Google OAuth and secure password recovery for seamless access.
- – **Wide Product Range:** Organized categories, detailed pages, and related suggestions.
- – **Executive View:** Can search for orders using their order ID and view all information related to that.
- – **Quick Search & Filters:** Find products easily by category, name, or description.
- – **Live Support:** Real-time chat with customer executives via Django Channels.

DevNest – Developer Hub [Tech Used**:** Python, Django, Django channels, Bootstrap, Github & Google_Auth, Redis**]**[[LINK](#)]
- – **Developed DevNest**, a collaborative chat platform where developers can join or create tech-focused discussion rooms.
- – **Implemented dual authentication** methods: email/password, Google, and GitHub authentication.
- – **Implemented role-based access control,** allowing room creators to manage and moderate rooms.
- – **Enabled users** to edit or delete their own messages for better control and communication clarity.
- – **Designed a real-time environment** for code sharing, discussions, and collaboration among developers.

ChatGram – *Real Time Chat App* **[**Tech Used: Python, Django, Bootstrap, Django Channels**]**   [[Demo_video](#)]
- – **Developed a real-time chat app** using Django Channels.
- – **Enabled instant messaging** between users with real-time updates.
- – **Facilitated seamless user communication** in a live chat environment.

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University   **2022-25**
- o **B.Tech (**Computer Science and Engineering**)**   GPA: **8**

Board Of Technical Education Uttar Pradesh   **2018-20**
    o   **Diploma(** Mechanical**)**   Percentage:**85.6%**
St. Anjani's Public School , CBSE   **2018**
    o   **Intermediate (**Science**)**   Percentage:**75%**

TECHNICAL SKILLS

Technology/Frameworks:	Django, Django Rest Framework, Django Channels, Pytest, FastAPI
Languages:	Python
Database:	PostgreSQL
Developer Tools:	VS Code, PyCharm, postman, git and github
Others:	Understanding of DBMS, Operating System, Windows, Linux.

ACHIEVEMENTS

➢ Solved **100+ Data Structures & Algorithms problems** on **LeetCode**, strengthening problem-solving and algorithmic thinking.
➢ Built a professional presence with **8,500+ followers on LinkedIn**, sharing technical insights and learning content.
➢ Earned a **50-Day LeetCode Coding Batch.**