

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
- **B.Tech** (Computer Science and Engineering) GPA: 8

Board Of Technical Education Uttar Pradesh

2018-20

- **Diploma(Mechanical)**

Percentage:85.6%

St. Anjani's Public School , CBSE

2018

- **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 Badge**.