

# Harsh Sahu

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## WORK EXPERIENCE

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### 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

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### 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

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Dr. A.P.J. Abdul Kalam Technical University

2022-25

- **B.Tech** (Computer Science and Engineering)

GPA: 8

Board Of Technical Education Uttar Pradesh

- **Diploma**( Mechanical)

St. Anjani's Public School , CBSE

- **Intermediate** (Science)

**2018-20**

Percentage:**85.6%**

**2018**

Percentage:**75%**

## TECHNICAL SKILLS

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<b>Technology/Frameworks:</b>	Django, Django Rest Framework, Django Channels, Pytest, FastAPI
<b>Languages:</b>	Python
<b>Database:</b>	PostgreSQL
<b>Developer Tools:</b>	VS Code, PyCharm, Postman, Git and Github
<b>Others:</b>	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**.