

# Suman K Nayak

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## Profile Summary

**Software Engineer** specializing in backend development and system architecture, with expertise in Python, Django, SQL, Django REST Framework (DRF) and building scalable web applications. Experienced in designing and developing **intuitive and seamless** web applications with a focus on **performance and user experience**. Skilled in deploying and managing applications on **AWS** and proficient in integrating RESTful APIs and modern frontend technologies. Proven ability to **collaborate effectively** in team environments and troubleshoot technical challenges.

## Technical Skills

- **Languages:** C, C++, Python, JavaScript
- **Frontend:** HTML, CSS, JavaScript, TypeScript, jQuery, React.js, Next.js, Tailwind CSS, Bootstrap
- **Backend:** Django, Python, Django REST Framework (DRF), REST APIs
- **Database:** MySQL, SQLite
- **Cloud & Deployment:** AWS, Nginx, Gunicorn, Render
- **Version Control & Tools:** Git, GitHub

## Projects

### Flexcom - E-commerce Platform | [View Website](#) | [GitHub Repository](#) |

Dec 2024

- Developed a **dynamic e-commerce platform** with Django, featuring **user authentication (OAuth)**, **product management**, and **order processing**, along with a keyword-based product search using Django's `icontains` lookup.
- Built **login, category, product, cart, order, and checkout pages**, utilizing **jQuery** for smooth user interactions and **SweetAlert & Alertify.js** to enhance UX.
- Integrated **multiple payment gateways**: Cash on Delivery, Razorpay, and PayPal for seamless transactions.
- **Tech Stack:** Django, MySQL (AWS RDS), Tailwind CSS, jQuery, Render

### BlogSite - An Interactive Blogging Platform | [View Website](#) | [GitHub Repository](#) |

Jan 2025

- Built a dynamic blogging platform using Django, leveraging Class-Based Views (CBVs) for authentication (sign-up, sign-in, **OAuth**).
- Utilized **Django signals** to automatically create user profiles upon sign-up, allowing users to edit their bio and upload a profile picture, along with a **keyword-based search** using Django's `icontains` lookup.
- Designed a **scalable MySQL (AWS RDS) database** for secure and efficient data storage.
- **Tech Stack:** Django, MySQL (AWS RDS), Tailwind CSS, Nginx, Gunicorn, AWS EC2

### Divinezon Books API – RESTful Book Data Service | [View Website](#) |

Oct 2025

- Developed a scalable **RESTful API** using **Django REST Framework**, providing book data and category endpoints with robust query filters and pagination.

### BookHub App – Book Discovery Platform | [View Website](#) |

Oct 2025

- Built a responsive **React + TypeScript** app with **Chakra UI**, integrated with **DRF** to explore the **Divinezon Books API**.

## Education

### Indira Gandhi National Open University

New Delhi, India

Bachelor of Computer Applications

July 2022 - July 2025

## Certifications

- **Amazon Web Services Course** – Scalar | [View Credentials](#)
- **Python Course** – Kaggle | [View Credentials](#)