

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, Docker
- **Version Control & Tools:** Git, GitHub, Linux

Projects

Flexcom - E-commerce Platform View Website GitHub Repository	Dec 2024
<ul style="list-style-type: none">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 <code>icontains</code> 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
<ul style="list-style-type: none">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 <code>icontains</code> 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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Built a responsive React + TypeScript app with Chakra UI, integrated with DRF to explore the Divinezon Books API.	

Education

Indira Gandhi National Open University Bachelor of Computer Applications	New Delhi, India July 2022 - July 2025
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Certifications

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