# Suman K Nayak

India | prof.sumanatwork001@gmail.com | (+91)7303732645 | Linkedin | GitHub | Portfolio Website

## Profile Summary

- Full-stack developer with a strong focus on backend development and system architecture. Expert in Django, SQL, 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 EC2, configuring Nginx as a reverse proxy for Gunicorn.
- Proven ability to collaborate effectively in team environments, manage time efficiently, and troubleshoot technical challenges.

## Technical Skills

- **Languages:** C, C++, Python, JavaScript
- **Frontend:** HTML, CSS, JavaScript, jQuery,ReactJS, Tailwind CSS, Bootstrap
- **Backend:** Django, Python, REST APIs
- **Database:** SQL, MySQL
- **Cloud & Deployment:** AWS EC2, Nginx, Gunicorn, Hostinger
- **Version Control & Tools:** Git, GitHub

## Projects

**ArtiFact - 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, password reset).
- Implemented Function-Based Views for blog creation with media uploads, user profile management, and interactive commenting with emoji support.
- **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.
- Optimized for mobile views using **Tailwind CSS utility classes** for a responsive UI.
- Deployed on **AWS EC2** with **Nginx as a reverse proxy for Gunicorn**, ensuring high availability and performance.

**Organic - E-commerce Platform | View Website |**                                          **Dec 2024**

- Developed a **dynamic e-commerce platform** with Django, featuring **user authentication, 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.
- Designed a **scalable MySQL (AWS RDS) database** for secure order management and transaction storage.
- Optimized UI for mobile using **Bootstrap & CSS**, ensuring a responsive shopping experience.
- **Deployed on AWS EC2** with Nginx as a reverse proxy for Gunicorn, hosted on a **Hostinger subdomain**.

## Education

**Indira Gandhi National Open University**                                          New Delhi, India
Bachelor of Computer Applications                                          **July 2022 - July 2025 (Expected)**

## Certifications

- **Amazon Web Services Course** – Scalar | **View Credentials**
- **Python Course** – Kaggle | **View Credentials**