

ALOK KUMAR

Python Developer (Entry level)

📞 9939295837 📩 Alokscfd9004@gmail.com 🔗 linkedin.com/in/alok-kumar-a505a723a

📍 Bangluru, Karnataka

Career Objective:

Ambitious, competitive and self-driven computer engineer with unwavering passion for software development and DevOps fundamentals (AWS & Linux). Well-spoken and enthusiastic fresher with hands on experience in python and web-development projects. Seeking opportunities to contribute to innovative software solutions and drive technological advancements.

Technical Skills

Python:

- Proficient in core programming concepts, OOPs Concepts, and goods in collection topics.

Tkinter:

- Experienced in building GUI-based desktop applications.

YOLO (You Only Look Once):

- Basic knowledge of real-time object detection and image/video processing.

Django:

- Basic knowledge of Django basics including project setup, templates, and models.

HTML:

- Skilled in semantic HTML, elements, attributes, forms, and tables.

CSS:

- Creative in styling with box model, embedded/external CSS, and CSS selectors.

JavaScript:

- Basic understanding with practical knowledge of event handling and basic scripting.

Oracle SQL:

- Capable of working with DDL, DML, and DQL, statements.
- Intermediate understanding of normalization, joins, subqueries, and handling complex queries.

DevOps & Cloud:

- **AWS** → Basic knowledge of deploying applications on **EC2**, storing files on **S3**, and using **RDS** for database hosting. Can integrate Python apps with cloud environments.
- **Linux (Ubuntu)** → Comfortable with shell commands, file system management, user permissions, and setting up environments for project deployment. Basic knowledge of automation with shell scripting.

Academic Project:

Minor Project: Scientific Calculator (Python, Tkinter)

- Developed a GUI-based scientific calculator with standard and scientific functions using Python and Tkinter.

Major Project: Smart Accident, Fire, and Smoke Detection System using CCTV

- Designed and implemented a smart surveillance system that detects accidents, fire, and smoke using live CCTV footage.
- Tasks involved: data annotation, model training, real-time processing, and database integration.
- Technologies used: Python, YOLO (You Only Look Once), Flask, MongoDB.

Internship Projects:

IBM (CSR BOX) – Web Development | Duration: 2 Months

- **Credit Card Fraud Detection** (Python, NumPy, Pandas)
Built a fraud detection model by analyzing and preprocessing transaction data to identify anomalies using machine learning techniques.

Prodigy InfoTech - Data Analytics & Web Development | Duration: 3 Months

- **Interactive Landing Page and Portfolio Website** (HTML, CSS, JavaScript)
Designed and developed a personal portfolio website showcasing skills, projects, and contact information.
- **Stopwatch App** (HTML, CSS, JavaScript)
Created a responsive stopwatch application with basic start, stop, and reset functionalities.
- **Tic Tac Toe Game** (HTML, CSS, JavaScript)
Developed a web-based interactive Tic Tac Toe game supporting two-player mode.

Education:

- **B-Tech in Computer Science and Engineering**, NITRA Technical Campus, Ghaziabad (2025) — 6.42 CGPA
- **Diploma in Textile Technology**, ABIT, New Delhi (2022) — 7.79 CGPA
- **10th, +2 Upgrade High School**, Paira-matihana, Bihar (2019) — 7.47 CGPA

Extracurricular Activities:

- Attended tech events organized by **Google** and **Microsoft**, gaining exposure to industry trends and innovations.
- Actively involved in managing and organizing **cultural activities** at college events and fests.
- Participated in **25'Codsoc Technical Quiz** at NITRA Technical Campus and secured **14th position** among all participants.

Certifications & Internships:

- **Web Development** Prodigy InfoTech — 3 Months (Online)
- **Data Analytics** -IBM (via CSR BOX) — 2 Months (Online)
- **Basic C Programming Certification** Great Learning
- **25'Codsoc Technical Quiz** NITRA Technical Campus

Soft Skills:

- Result-oriented person, adaptable to working in team environments
- Ability to plan and prioritize tasks to meet deadlines with quality
- Willing to work under senior professionals and take feedback constructively

Field of Interest:

- Learning and experimenting with new technologies.
- Exploring new places and cultures.
- Playing Chess and Football.
- Trying new cooking recipes.

Personal Details:

- **Date of Birth:** 02 July 2003
- **Father's Name:** Binod Kumar Ranjan
- **Native Place:** Paira-Matihana, Bihar – 811314
- **Languages Known:** Hindi, English
- **Marital Status:** Unmarried

Declaration

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

Alok Kumar

Alok Kumar

Place:Bangaluru

Date: 06/09/2025