Bibash Shrestha

Python Intern | Database Intern | Django Trainee

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PROFESSIONAL SUMMARY

Detail-oriented Software Developer pursuing a BSc (Hons) in Computing at The British College. Proficient in Python, Django, and full-stack development, with expertise in REST API integration, database management, machine learning, and data analysis. Passionate about scalable applications and data-driven solutions.

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, C++, C, Java, SQL, HTML, CSS, R
- **Frameworks:** Django, Django REST Framework, React, Node.js, FastAPI
- **Databases:** Oracle APEX, MongoDB, SQLite, MySQL, PostgreSQL
- **Tools:** Git, GitHub, Tableau, Excel, Postman, RStudio, Microsoft BI, VSCode, Agile/Scrum
- **Concepts:** API Development, SQL Joins, CTEs, ETL, Machine Learning, Data Analysis

PROFESSIONAL EXPERIENCE

College Representative, Code for Change – The British College, Kathmandu   Jan 2025 – Present

- Promoted tech initiatives and events like Tech Carnival 2025 to boost engagement.
- Organized workshops and created content to strengthen the tech community.

EDUCATION

BSc (Hons) in Computing, The British College, Kathmandu	Sep 2022 – Present (Exp. 2026)	
Coursework: Database Systems, Web Development, Data Science, Software Engineering		
Higher Secondary Education (Science), DAV College, Kathmandu	2019 – 2021	GPA: 3.46
Secondary Education (SEE), Valley Public HSS, Kathmandu	2017 – 2019	GPA: 3.65

PROJECTS

Applied Machine Learning with R
Applied regression, classification, and clustering models to a bank marketing dataset using R. Evaluated performance with ROC curves.
github.com/shresthabibash810/Applied-Machine-Learning-with-R

School Management System (Django, Django REST Framework)
Built backend with CRUD operations and REST APIs for student and course management.
github.com/shresthabibash810/School-Management-System

Inventory Management System (Django, Django REST Framework)
Developed system for tracking products and suppliers with real-time API updates.
github.com/shresthabibash810/Mindriser-IMS-Project

Full-Stack Web Application (PHP, Oracle APEX)
Collaborated on a full-stack app using PHP, HTML, CSS, and JavaScript with Agile methodology.
github.com/shresthabibash810/PHP$_{Oracle Apex_Full Stack}$

Data Analysis in Python (Pandas, NumPy, Matplotlib)
Performed data cleaning, analysis, and visualization, creating dashboards for insights.
github.com/shresthabibash810/Python-Data-Science-Task

Bank Management System (C++)
Developed console-based app using OOP for account management and data persistence.
github.com/shresthabibash810/Bank-Management-System

CERTIFICATIONS

Deloitte Australia – Data Analytics Job Simulation, Forage	2025
Tata Consultancy Services – Data Visualization, Forage	2024
Python with Django – Backend and API Development, Mindrisers	2024
MERN Stack Development, The British College	2024
Python for Data Science, AI & Development, IBM (Coursera)	2024

ACHIEVEMENTS

Student Exchange Programme 3.0 – IoT Collaboration, Leeds Beckett University	2025
Hack4SafeFood Hackathon Participant, DFTQC, Nepal	2025
Volunteer, TBC Career Fest, The British College	2023

LANGUAGES

Nepali (Native), English (Proficient), Hindi (Fluent)