

PRANAV SHARMA

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Gyaneshwor, Kathmandu

9840003706



CAREER OBJECTIVE

Aspiring AI Engineer and Software Developer with strong Python and Java skills and a passion for machine learning. Eager to build intelligent, scalable systems through hands-on projects and research. Seeking long-term opportunities to apply and grow in real-world, impactful AI and software solutions. Skilled in developing end-to-end applications and committed to continuous learning in emerging technologies like deep learning, data engineering, and Java-based software development.

EDUCATION

BSc (Hons) Computing with Artificial Intelligence

2023 - Current

- Islington College
- London Metropolitan University
- Kamalmarg Kamalpokhari, Kathmandu

SLC | Management

2021 - 2023

- Global College Of Management
- National Examinations Board (NEB)
- Mid-Baneshwor, Kathmandu

Secondary Education Examination

2021

- Galaxy Public School
 - National Examinations Board (NEB)
 - Gyaneshwor, Kathmandu
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EXPERIENCE

Graduate Teaching Assistant | Islington College Kathmandu

Sep 2026 - Present

- Kathmandu, Bagmati, Nepal
- Supported lecturers in delivering engaging theoretical and practical learning activities for undergraduate students.
- Assisted students with academic, programming, and technical queries during labs and coursework.
- Enhanced understanding of technical concepts through practical sessions and classroom demonstrations.

Teaching Assistant | Islington College Kathmandu

Oct 2025 - Feb 2026

- Kathmandu, Bagmati, Nepal
- Supported students in tutorials and lab sessions while assisting with the development of an AI-Powered Student Helpdesk System, including workshop and milestone tracking features.

Junior Python Intern | PlazmaTech Pvt Ltd

Apr 2025 - Jul 2025

- Kathmandu, Bagmati, Nepal
 - Developed a voice-enabled PNR assistance system during my internship at PlazmaTech Pvt. Ltd. The application uses speech recognition and natural language processing to retrieve flight and booking information through voice commands, providing a faster and more accessible user experience.
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SKILLS

Technical Skills:

- Programming Languages:** Python, Java
- Web Development:** HTML, CSS, JavaScript
- Database:** MySQL, Oracle
- Operating System:** Windows, MacOS, Linux
- Computational Tool:** VS Code, Spring Tool Suite, Git, Github, Jupyter notebook/lab.

Soft Skills:

- Communication
 - Time Management
 - Analytical
 - Collaborative
 - Leadership
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PROJECTS

Academic Projects

Customer Service Request Analysis | Numpy, Pandas, Matplotlib, Scikit-learn

- Analyzed NYC 311 request data using Python for data cleaning, feature engineering, and visualization. Performed statistical tests and identified key patterns in complaint types and resolution times and Produced a structured report with actionable insights and clear data visualizations.

Pranav's Cafeapp- Online Cafe Management System | Java Web App, MySQL

- Developed a full-stack web application to manage cafe operations, including user authentication, product management, and order tracking using Java Servlets, JSP, and MySQL.

IoT - based Agriculture/ Farm Monoritoring System | Arduino, Esp32, Blink

- Development of an IoT-based agricultural monitoring system that allows users to monitor soil and environmental conditions through web-based platforms such as Blynk on a smartphone or laptop.

Personal Projects

Brainify | Django, TensorFlow/Keras, OpenCV, PostgreSQL

- AI-powered Brain MRI Segmentation and Classification platform using a Dual-Head Attention U-Net trained on BraTS 2020, delivered through a full-stack Django web application with clinical PDF reports, an AI research chatbot, and live medical research feeds.

Pranav Portfolio | Personal Portfolio Website

- Personal portfolio website showcasing skills, projects, and experience.

PrinterBazar-Online Printer E-commerce Website | HTML, CSS, JavaScript

- Designed and developed a responsive e-commerce website for printer sales with interactive UI, product listings, and client-side validation using vanilla JavaScript

Console Based Land Rental System Using Python

- Built a console based land rental system using pure Python to rent land, sell land for small scale business organizations.
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TRAINING AND CERTIFICATION

Tools for Data Science | Coursera

Completed, Nov 3, 2023

- Various tools used for Data Science such as Python, R etc.

What is Data Science? | Coursera

Completed, Aug 20, 2023

- Basics or theoretical knowledge related to data science.

AWS Cloud Quest: Cloud Practitioner

Completed, July 23 2024

- Basic knowledge regarding AWS which includes usage of EC2 and S3.
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AWARDS / ACHIEVEMENTS

- Participated in Junior Inter School Public Speaking Competition
- Winner of Presentation Competition at Global College of Management- 1st Position in Mathematics
- Winner of consecutive table tennis tournaments of school and college levels.
- Participated as volunteer in HISSAN event in 2023