

Aashish Puri

AI/ML Developer | Data Science Enthusiast

Chitwan, Nepal

9840843903

aashishpuriofficial@gmail.com

[m](#)

[LinkedIn](#)

[GitHub](#)

EXPERIENCE

Independent AI/ML & Software Projects

Jan 2023 – Present

- Designed and developed Android, machine learning, and web applications through self-directed learning.
- Built and deployed NLP and classification models using Python, scikit-learn, and TF-IDF.
- Implemented secure, full-stack systems with Firebase integration, authentication, and role-based access control.
- Gained hands-on experience in cybersecurity through secure login systems and data protection practices.

EDUCATION

BSc (Hons) Information Technology

ISMT College – Affiliated with the University of Sunderland, UK

Jan 2022 – Expected Nov 2025

Higher Secondary (+2) in Computer Science

Herald International College, Kathmandu

Graduated: 2020

PROJECTS

Resume-Based Job Recommendation System

Flask · Python · scikit-learn · TF-IDF · NLP · Regex · PDF Parsing

- Developed a full-stack AI-powered web app that analyzes resumes to predict job categories and recommend roles using pre-trained ML models (TF-IDF + Random Forest).
- Extracted structured data like name, email, phone, education, and skills using natural language processing and regular expressions.
- Built a secure, responsive web interface using Flask and HTML/CSS, allowing users to upload resumes and get real-time predictions.
- Used PyPDF2 for PDF parsing and implemented basic resume parsing

SKILLS

Languages & Databases:

Python, HTML, CSS, JavaScript, SQL, XML

Libraries & Frameworks:

Flask, scikit-learn, Pandas, NumPy, TF-IDF

Tools & Platforms:

VS Code, Firebase, Android Studio, Git, Oracle

Concepts & Techniques:

NLP, model training & deployment, Resume parsing, Authentication systems, Google reCAPTCHA

Certifications

Complete Python for Absolute

Beginners – Udemy – Feb 2025

Python Machine Learning: From

Beginner to Pro – Udemy –

April 2025

LANGUAGES

English, Nepali, Hindi

logic for text analytics.

Meal Mate

Android App | Java, Firebase

- Designed and developed a full Android app with features like login, maps, reminders, and account editing.
- Used Firebase for authentication and cloud storage.

Secure Authentication Web Application

Cybersecurity | PHP, MySQL, bcrypt

- Created a login platform with OTP verification, password hashing, CSRF protection, and reCAPTCHA.
- Added role-based access and IP logging for security and audit trails.