

Avishek Dangol

Fulham, London

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SUMMARY

Machine Learning and Software Engineer with over five years' experience in web development, recently completed a master's degree in Artificial Intelligence with a group project on 'Skin Cancer Detection using CNN and Explainable AI'. Strong skills in backend frameworks like Laravel and Django, proficient in MySQL, PostgreSQL and vector databases. Successfully managed web projects with timely delivery. Adept at collaborating with diverse teams to deliver innovative solutions. Eager to contribute to a forward-thinking company to achieve impactful results.

WORK EXPERIENCE

AI Engineer Internship (Contract)

Live Digital Recruitment Limited, Sep 2025

- Designed and deployed a modular ETL pipeline using Apache Airflow on Google Cloud Composer.
- Ensured data quality with validation checks and integrated monitoring using Cloud Logging.

MSc. AI Group Research Project

UWE Bristol, Jun 2025 – Sep 2025

- Implemented a Computer Vision model and Explainable AI for skin cancer detection.
- Integrated Large Language Model (LLM) to translate XAI outputs for non-technical users.

Full Stack Web Developer

Global English Campus, Mar 2022 – May 2025

- Completed projects include learning management system, work management system and integrated development environment implementing GenAI.
- Backend development using Laravel, Node JS, Django, REST API and GraphQL alongside databases including MySQL, PostgreSQL and Neo4J.
- Frontend development using Vue JS

Project Manager, Senior Backend Developer

Tribhuvan University, Jan 2024 – Jul 2024

- Engaged with clients to ascertain their specific need, translating high-level objectives into modular, actionable tasks for the technical team.
- Backend development with Laravel, REST API, MySQL and comprehensive test coverage.
- Handled DevOps and CI/CD using GitHub Actions.

Head of Operations (Voluntary)

GrassRootsWeb, Apr 2024 – Mar 2025

- Led a global network of volunteers to design impactful websites for charity organisations and small businesses.
- Oversaw day-to-day operations, ensuring seamless and efficient activity execution.
- Conceptualised innovative initiatives to enhance the volunteer experience

Web Developer

Autonomous Technology, Oct 2020 – Mar 2022

Volunteer

ICS Raleigh International, Jun 2019 – Sep 2019

EDUCATION & QUALIFICATIONS

MSc. Artificial Intelligence

UWE Bristol

2025

PG Diploma in Computer Application

Kantipur City College

2023

Bachelor's in Business Studies

Nepal Kasthamandap College

2019

WORKSHOPS & CERTIFICATIONS

AI Engineer for Developers Associate

DataCamp

Jul 2025

AI Engineer for Data Scientist Associate

DataCamp

Jul 2025

Future Leadership Experience

UWE Bristol, Common Purpose

Jun 2025

Data Analysis on Vector-Borne Diseases

Imperial College London, One-Health

Jun 2025

SKILLS

Machine Learning: NLP, RAG, Semantic Search, Computer Vision, Explainable AI, Agentic Systems

Statistics: R, Data Analysis, Sampling Techniques, Time-Series Analysis, Geo-Spatial Analysis

Database Management: MySQL, PostgreSQL, MongoDB, Neo4J and Vector Databases

Full Stack Web Development: Laravel (PHP), Node JS, Python (Django), Vue, React, REST API and GraphQL
Version Controlling with [Git](#) and [GitHub](#)