

Sumit K C

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Professional Summary

Full-stack developer with experience delivering production WordPress platforms, cross-platform mobile applications, and AI-powered web systems. Currently pursuing an M.S. in Computer Science at City University of Seattle while mentoring 300+ graduate students across MSCS, MSDS, and IT programs, leading labs in Python, AWS, ML algorithms, React, and R across 6–7 courses per quarter.

Experience

City University of Seattle

Teaching Assistant

Seattle, WA

October 2025 – Present

- Mentored 300+ graduate students across 6–7 courses per quarter in MSCS, MSDS, and IT programs; led weekly labs on Python, AWS, ML algorithms, and React, maintaining a consistent 90%+ on-time assignment submission rate.
- Redesigned lab exercises for 3 courses to align with updated AWS and LMS configurations, reducing environment setup failures from a recurring issue to near-zero within the first two weeks of each quarter.
- Identified and resolved a misconfigured third-party grading integration affecting 120+ students, restoring accurate grade reporting within 24 hours and preventing a recurring issue across subsequent course sections.

Aankhijhyal Technologies

WordPress Developer

Pokhara, Nepal

June 2023 – November 2024

- Built and maintained 15+ client WordPress sites over 18 months, owning full project cycles from requirements through deployment using PHP, JavaScript, and custom themes.
- Improved page load times by ~40% on 5+ sites through plugin audits, asset optimization, and server-side caching — directly improving client retention and SEO performance.
- Integrated 3 third-party REST APIs including payment and booking services, replacing manual client workflows with automated data flows.

Junior WordPress Developer Intern

September 2022 – November 2022

- Delivered 3 production deployments in 3 months with zero post-launch critical issues; cut per-project server setup time from ~3 hours to under 1 hour by standardizing cPanel configuration.

Projects

MealMate.ai – AI-Powered Meal Planning Platform

- Built a 3-tier full-stack app using React, Node.js, and FastAPI with a hybrid recommender (TF-IDF + LSA + collaborative filtering) achieving Recall@5 of 1.00 at 1.73ms query latency; shipped 128 passing tests with Docker Compose and GitHub Actions CI.
- Integrated Google Gemini for cooking assistant, smart pantry parsing, and vision-based ingredient capture with deterministic offline fallbacks across all AI surfaces.

Learn to Drive – Driving Test Preparation Platform

- Built a cross-platform Flutter app with a Laravel REST API backend, structuring driving-test content — practice papers, timed quizzes, traffic symbol references, and video lessons — into unified, category-based modules for offline-accessible exam prep.

Technical Skills

- Languages:** Python, Java, C#, PHP, JavaScript, TypeScript, R, Dart, SQL
- Frameworks:** Flutter, Laravel, React, Node.js, Express
- Data Science/ML:** TensorFlow, scikit-learn, Pandas, NumPy, Matplotlib, Posit (RStudio)
- Cloud/Tools:** AWS (EC2, S3, Lambda), Docker, Git, REST API, HTML, CSS, MySQL, PostgreSQL, MongoDB, Agile, Scrum

Education

City University of Seattle

M.S. Computer Science

Seattle, WA

January 2025 – Current

- Dean's List [Winter 2025 – Spring 2026]

Informatics College Pokhara

B.S. Computing (Affiliation: London Metropolitan University)

Pokhara, Nepal

March 2020 – December 2023

- Graduated top of the cohort; awarded Letter of Commendation | AAA Excellence Scholarship Recipient

Certifications

- Microsoft Certified: Fabric Data Engineer Associate
- Microsoft Certified: Azure Administrator Associate