

Krischal Dhungel

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PROFILE

Full-stack Software Developer with 2+ years of experience building scalable web applications using .NET, ReactJS, SQL Server, and Python. Proficient in REST API development, web scraping, automation, and agile practices. Currently exploring AI and machine learning with a focus on NLP and data pipelines. Strong communicator, quick learner, and problem-solver.

EXPERIENCE

Software Developer

June 2023 – August 2024

Kathmandu Codes (Client: Jumpnations)

Kathmandu, Nepal

- Led development of a full-stack student-sport-school management system used by 2 pilot schools in India
- Built and deployed scalable web application and REST APIs for mobile application using .NET Framework, jQuery, and SQL Server via Azure DevOps CI/CD pipelines
- Mentored a junior developer, guiding them on UI/UX design, .NET development, and complex SQL queries
- Completed a feature estimated to take 2+ weeks in just 2 days by writing a highly optimized SQL query
- Created a bulk import module and an end-of-year auto-grade-promotion feature, significantly reducing manual onboarding and administrative effort
- Accelerated delivery by completing sport score sheet module in 3 days, originally estimated to take a week per sport
- Attended weekly client meetings, transforming feedback into production-ready features within each sprint cycle

Solution Developer Intern

Sept 2022 – Jan 2023

Kathmandu Codes (via INSPIRE: STEM for Social Impact, University of Victoria)

Kathmandu, Nepal

- Rapidly learned .NET Framework, ReactJS, and SQL Server to build a full-stack community transformation dashboard for TearFund Nepal—end-to-end delivery within 4 months
- Collaborated in a 4-member agile team using GitHub and Azure DevOps for version control and CI/CD deployment
- Built REST APIs, dynamic frontend pages, and complex SQL queries to support visual storytelling of rural development impact
- Integrated LeafletJS maps to display real-time geographic data on community progress
- Assumed scrum master role during a critical sprint; achieved 200% of sprint goals in 3 days, significantly ahead of schedule
- Engaged in biweekly sprints and weekly client demos to gather feedback and iteratively refine the product

EDUCATION

Wright State University

Dayton, OH

Masters of Science in Computer Science

Aug. 2024 – May 2026

London Metropolitan University (Studied at Islington College)

Kathmandu, Nepal

Bachelors of Science in Computing

Feb. 2021 – Sept 2023

PROJECTS

TearFund CCT Dashboard | .NET, ReactJS, SQL Server, Azure DevOps, Git

Sept 2022 – Jan 2023

- A community transformation dashboard developed to help visualize the impact made by TearFund Nepal in the rural areas of Nepal after the earthquake of 2015 using various internal performance metrics in several aspects such as Disaster Risk Reduction (DRR) and Health
- Built a full-stack web application to visualize community development efforts using .NET Framework, ReactJS, SQL Server, and Azure DevOps

KunSasto | .NET, ReactJS, Python, Selenium, BeautifulSoup, SQL Server, Trello

Dec 2022 – May 2023

- Designed and developed a full-stack web app to compare laptop prices across major Nepali e-commerce platforms
- Automated weekly scraping of product listings using Python (Selenium, BeautifulSoup), storing data in CSV and SQL Server
- Implemented a custom string similarity algorithm to standardize inconsistent laptop names across sources
- Built a dynamic ReactJS frontend and .NET backend to display real-time pricing and specifications
- Managed the entire project solo using Trello and agile workflows, from data acquisition to deployment

TECHNICAL SKILLS

Languages: Java, Python, C#, SQL (SQL Server), JavaScript, HTML/CSS, BASH

Frameworks: React, Django, .NET Framework, ASP.NET, MVC, Material-UI, REST API, Tailwind CSS

Developer Tools: Git, GitHub, Azure DevOps, Trello, AWS, VS Code, Visual Studio, PyCharm

Libraries: pandas, NumPy

OTHER EXPERIENCE

Content QA & Translator (Part-time)

May 2021 – Sept 2022

MySecondTeacher

Kathmandu, Nepal

- Translated educational scripts to Nepali and annotated videos with interactive quiz triggers
- Conducted manual QA of textbooks and test papers to ensure linguistic and structural accuracy