Niraj Chudali

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Motivated software engineer with strong academic background and professional experience aiming to excel in the field of Software engineering and AI. Proven ability to manage cross-functional projects, implement cutting-edge technologies, and drive impactful business outcomes. I exhibit creativity, adaptability, and a strong work ethic.

EXPERIENCE

Key Innovation Inc.   Vancouver, CA

AI Specialist & Developer   Jan 2025 - Ongoing

- Designing and integrating both rule-based and LLM-powered chatbots by fine-tuning Llama 3.2, then applied the RAG concept with LangChain, integrating a vector database to enhance response accuracy with real-time retrieval.
- Developing APIs to seamlessly integrate two CRM systems to sync different store information which will lead to improving operational efficiency by more 30%.
- Conducted comprehensive assessments of the company's IT infrastructure to identify areas for optimization and suggested how AI and other tools can help with automation.
- Developed a fully featured clothing quoting system and Syncore Calendar which saves around 5-8 minutes per frequent task and deployed in Microsoft Azure using CI/CD approach.

Kishaan Enterprise   KTM, Nepal

Software Engineer & Researcher   Oct 2022 – Sep 2023

- Developed predictive models using python and scikit-learn to predict crop yields and impact of weather changes on crops, resulting in an around 12% increase in production.
- Developed and maintained a suite of reports and dashboards to track KPI's, resulting in around 20% increase in data driven decision making across the company.
- Worked with 600+ farmers to understand their needs and translate data insights into practical applications.
- Assisted in the design and administration of surveys and questionnaires. And analyzed survey data and provided insights to support research objectives.

Moru Digital Wallet   KTM, Nepal

Digital Marketing Analyst   Apr 2022 – Jul 2022

- Understood the overall working mechanism of fintech industry in Nepal to perform an appropriate competitor analysis of top 5 digital wallet (eSewa, Khalti, IME Pay. Prabhu Pay & ConnectIPS).
- Monitored Moru digital wallet (android, IOS & Web app) to identify the user journey and to understand the user experience leading to 15% increase in user engagement and retention.
- Worked closely with CEO, IT, Finance and marketing team to formulate digital marketing campaigns.

SKILLS

Technical Skills: Python (NumPy, Pandas, Scikit-learn, Streamlit), MySQL, Fine-turning LLM's, LangChain, RAG, API Development, Microsoft Azure, Google Cloud Platform, E-commerce Development (Shopify, WordPress), Botpress, Google Analytics, Project Management, Software Development Lifecycle (SDLC), Deep Learning, Generative AI, Git & GitHub.

Soft Skills: Leadership, Problem Solving, Time Management, Creativity

EDUCATION

Kwantlen Polytechnic University   May 2024 – Ongoing

Post-Baccalaureate Diploma Technical Management and Services

Courses: Financial & Managerial Accounting, Quantitative Analysis, Product Development, Project Management, Business Law.

University of Bedfordshire   Sep 2019 – Aug 2022

Bsc (hons.) Computer Science and Software Engineering

Courses: Object Oriented Programming & Software Engineering, Concepts of Artificial Intelligence & Modern Database Practices, Social & Professional Project Management.

CERTIFICATIONS

Cloud Digital Leader, Google Analytics, Applied Data Science, Machine Learning on Google Cloud