

Suman Bhandari

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Technical Skills

Languages and DataBases: Python, C++, Pandas, NextJs, NodeJS, SQL, JavaScript, MongoDB, LangChain, Langgraph, Vector Databases (FAISS, Pinecone)

Tools: Git and Github, Docker, Power BI, Ms-Excel, Jira

Other Skills: Machine Learning Model Development, Transformer-Based Architecture Design, Supervised & Unsupervised Learning, Reinforcement Learning, Agentic AI Systems, Statistical Modeling, Computer Vision, Cloud-Based Data Storage (AWS S3, Firebase), API Integration, Data Wrangling & Cleaning, ETL Processes, Data Modeling, Business Intelligence (BI) Reporting

Experience/Projects

DanpheLink Academy, Newton Computer Institute, Global IOT Nepal

January 2025 - Current

Python, SQL, PowerBI, MERN Stack Instructor

Kathmandu, Nepal

- Instructing Python, Machine Learning, Data Analytics, and AI, covering libraries like Pandas, NumPy, Scikit-Learn, and TensorFlow.
- Teaching MongoDB, Express.js, React, and Node.js, guiding students through full-stack web development.
- Conducting hands-on projects, coding exercises, and real-world applications.
- Mentoring students on best coding practices, industry standards, and career development in both web development and data science.
- Providing insights into database management, API development, and data-driven decision-making.

SHRIDHARA TECHNOLOGIES

October 2023 - April 2024

SOFTWARE ENGINEER

Gujrat, India

- Working as a Full Stack Software Engineer at Shridhara Technologies, I gained in-depth knowledge of React, Firebase, and other modern technologies.
- Experience in setting up and managing PostgreSQL databases, and utilizing Express.js for building RESTful APIs
- Hands-on experience with CI/CD pipelines for automated testing and deployment, ensuring efficient development workflows.
- Utilized Cypress testing framework for automated testing of web applications, ensuring code quality and reliability.

LINE ACADEMY

Jan 2025 - April 2025

MARKETING EXECUTIVE

Pulchowk, Nepal

- Creating Marketing plans
- Graphical Design
- Video creation, editing, and scriptwriting
- website development and system development
- Data Analysis

Portfolio Projects: Explore all my projects here [Portfolio](#)

This portfolio showcases my work, including data science projects, data analytics solutions, and machine learning models using technologies like Python, SQL, Power BI, Pandas, and TensorFlow. It highlights my expertise in data cleaning, analysis, visualization, and predictive analytics for business decision-making. Explore projects involving statistical analysis, data-driven insights, and machine learning to solve real-world problems.

Awards & Achievements

Google Data Analytics Professional Certificate (Coursera)

Developed skills in data cleaning, analysis, and visualization using SQL, R, Tableau, and spreadsheets. Applied statistical techniques and data storytelling through hands-on projects, gaining insights into AI-driven analytics, data ethics, and business intelligence.

Education

Dr.Apj Abdul Kalam Technical University

Aug 2019 – Aug 2023

Bachelor of Engineering

Prayagraj, Uttar Pradesh, India