

EDUCATION

Bachelor of Science in Computer Science and Information Technology (BSc. CSIT) |
Tribhuvan University, Nepal

September 2015 – January 2019

- *Coursework:* System Design and Database Systems, Data Mining, Algorithms & Abstract Data Types, Data Structures & Algorithms (C, C++, Java), Cryptography, Computer Networks, Business Strategy & IS, Systems Analysis & Design, Calculus, Statistics I and II .

PROFESSIONAL EXPERIENCE

Full Stack Developer | Foodmandu Pvt. Ltd. | Kathmandu, Nepal

July 2021 – Present

- Design, development, and architecture of an application using NodeJS, Angular, .Net, TSQL, and PostgreSQL.
- Supported end-user requests for information access to various software and frameworks daily.
- Enhanced the efficiency and speed of the web application by implementing multiple API services, leveraging NodeJS and .NET for various Proof of Concepts.

MEAN And MERN Stack Developer | Krennova Technology | Kathmandu, Nepal

March 2019 – June 2021

- Designed and developed efficient and maintainable software according to the business objectives and needs of various clients.
- Maintained complex technology infrastructure and collaborated with the product team to implement new features and strategically plan for future products.
- Researched, designed, and implemented scalable applications for data extraction, analysis, retrieval, and indexing.

Associate Software Engineer | Plazma Technology | Kathmandu, Nepal

August 2017 – May 2018

- Working closely with development teams and infrastructure specialists to deliver high-availability solutions for a mission-critical application.
- Multi-tasked across multiple functions and roles to generate project results and meet deadlines and organizational expectations.
- Conduct functional testing, unit testing, and review of website design for responsiveness, clarity, and effectiveness.

Data Specialist | Sprout Technology Pvt. Ltd. | Kathmandu, Nepal

January 2015 – August 2021

- Transcribe, tag, and extract useful information from images and audio.
- Entered numerical data into databases with speed and accuracy.
- Optimized quality of data by developing and continuously improving data collection.

PROJECTS

[Job Recommendation Engine](#)

Utilized data preprocessing, feature engineering, and a Double Dueling Deep Q Network (D3QN) reinforcement learning algorithm for effective recommendations. Integrated a machine learning model for personalized job suggestions.

[School Management Software](#)

Integrated school management software with billing, grading, attendance, and expense tracking. Efficiently manages diverse school administration tasks.

[Speakers Management Software](#)

Developed a central platform catering to a diverse range of speakers, encompassing trainers, experts, and motivational speakers, facilitating efficient management and engagement.

SKILLS & TOOLS

Solutions Architecture, MERN Stack (MongoDB, Express.js, React.js, Node.js), MEAN Stack (MongoDB, Express.js, Angular, Node.js), SQL Server, PostgreSQL, Git, Firebase, python, C, C++, Java, HTML5, CSS3, SCSS, Jupyter Notebook, Google Colab, PyTorch, Docker, AWS, Azure, Slack, Trello, Jira, Microsoft Office, Adobe Photoshop.

HONORS AND AWARDS

- Secured victory at the NOSCode Hackathon (2016), organized by Nepal Open Source Club.
- Participated in the NASA Space Apps Challenge (2017), presenting a project idea centered around the theme "Live Smart" from NASA's Earth Science Division.
- Spiralogs Hackathon (2017), crafted a project promoting breast cancer through awareness, education, and holistic well-being.
- Engaged in the IT Meet Hackathon (2018) at Nepal's exclusive IT Park, showcasing a project concept aligned with the theme "Sustainability of Social and Environmental Aspects of UN SDGs."