Sunil Shrestha

shrest464760@gmail.com | +977-986-0464760
linkedin.com/in/shrest | github.com/Shrest4647

Summary

An *enthusiastic* and *self-motivated* Mobile/Web Developer, *passionate to learn* and implement the cutting edge technology with Cloud Computing and Artificial Intelligence, having a *problem solving* mindset, good *communication* skills, strong foundations of *data structure and algorithm*, capable of *planning* the project and *leading* the team.

Technical Skills

- HTML/CSS/React/Next Js/Angular
- Restful and GraphQl API Design
- Python/Flask/FastAPI
- C#/.NET Core/Entity Framework
- Flutter/Dart
- Agile & DevOps
- Docker/Linux
- Git/GitLab, GitHub

- JS/TS/Nodejs/Expressjs
- Mobile/Web App Development
- Amazon Web Services/Azure
- Data Modeling and Database Design
- MySQL, PostgresDB, MongoDB
- Machine Learning/Tensorflow
- UI/UX/Figma
- C/C++

Professional Experience

Logic Information System Nepal   Jawalakhel, Lalitpur
Associate Software Developer   *April 2022 – Present*

- Organized a **Coding Competition Event** on Locus Event in Pulchowk Engineering Campus
- Built a Web Based **Online Code Execution and Evaluation System** for the Locus Event using React, Flask, RabbitMQ, MongoDB, Docker and IOI/isolate
- Developed inhouse system for **Project Management System** and reporting
- **Refactored** and improved on the React and Laravel projects to fulfill new requirements
- Dockerized React and Laravel applications for **faster and secure deployment**
- Added **new functionalities** for staff leave management in LIS and YCO Intranet
- Implemented **SQLtables, views, procedures** and queries in Postgres databases
- Designed GraphQL APIs using .NET Framework for company **Resource Planning System**
- Implemented **forms with validations** for creating, editing and displaying records
- Analyzed the data source to generate and visualize various **Managerial Reports**

Logic Information System Nepal   Jawalakhel, Lalitpur
Software Developer Intern   *October 2021 - March 2022*

- Developed a cross platform mobile application using **Flutter**
- Trained a **Deep Learning** model for sentiment analysis from text
- Designed application Wireframes as well as UI/UX designs in **Figma**

Sireto Technology   Sanepa, Lalitpur
Software Developer Intern   *August 2021 - October 2021*

- Contributed to an open-source project, Cloud Firewall
- Implemented **Firewall** Service for Linux VMs utilizing Nftables library
- Created a **dashboard** for monitoring Linux VMs using Nextjs, TailwindCSS
- Exposed Restful APIs using FastAPI for managing the Linux VMs
- Constructed gRPC connection for master-client communication

Education

Tribhuvan University, Institute of Engineering, Pulchowk Engineering Campus
Bachelor of Computer Engineering   *2017 - 2021*

- Graduated with Distinction (80.82%)
- Category winner of HACK-A-WEEK at Campus Event, Locus Nepal
- Software Engineering Project: Publication Management portal
- Minor Project: Crop Recommendation Using ML
- Major Project: Realization of Mental Hygiene Using Deep Learning

DAV College, Jawalakhel
+2 (Science)   *2016 - 2018*

- Graduated with Distinction (87.7%)

Gloria School, Kathmandu
SLC Level   *2015 - 2016*

- Graduated with Distinction (87.25%)

Licenses & Certifications

- **AWS** Academy Cloud Foundations - Amazon Web Services   - August 2021
- Browser-based Models with **TensorFlow.js** - Coursera   - July 2021
- **Natural Language Processing** in TensorFlow - Coursera   - February 2022
- Learning **GraphQL** - LinkedIn   - July 2022
- **TypeScript**: Object-Oriented Programming - LinkedIn   - January 2022
- **Svelte**: First Look - LinkedIn   - July 2022
- **UX** Foundations: Interaction Design - LinkedIn   - Sep 2022
- **DevOps** Foundations - LinkedIn   - December 2022
- First Look: **Rust** - LinkedIn   - July 2022