

Sagar Poudel

FULL STACK DEVELOPER

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Professional Summary

A motivated software developer with expertise in MERN stack, full-stack development, and cloud computing. Experienced in developing comprehensive web applications and infrastructure solutions. Skilled in leveraging modern web technologies for scalable and efficient projects.

Experience

Software Developer

- **Built dhurbatara.edu.np** website and deployed it from scratch, integrating modern UI/UX designs and hosting on AWS.
- **Made a Finance Tracker App:** A simple and interactive application built with React and Tailwind CSS to dynamically calculate savings based on income, expenses, and financial factors. It provides live estimates for meeting saving goals.
- **Developed a full-stack financial tracker app** using the MERN stack. The app includes a dashboard with insights on income and expenses upon login and features an email verification system.
- **Collaborated on XC3 - Xgrid Cloud Cost Control:** Automated AWS resource provisioning and cost optimization using **Terraform** and **Cloud Custodian**, enabling security enforcement, resource cleanup, and real-time monitoring using Grafana and Prometheus.

Education

Swinburne University of Technology | New South Wales, Australia.

2022-2024

Master of Information Technology (Professional Computing)

Islington College | Kathmandu, Nepal

2018-2021

Bachelor of Science (Computing)

Technical Skills

- **Programming Languages:** JavaScript, Python, Java, PHP, Bash
- **Frameworks & Tools:** MERN Stack (MongoDB, Express.js, React, Node.js), Laravel, Bootstrap, Tailwind
- **Databases:** MongoDB, MySQL, Oracle
- **Other Tools:** Git, Yarn, Terraform

Projects

- **Portfolio Website:** Designed and built a personal portfolio site using HTML, CSS, and JavaScript to showcase professional projects.
- **Finance Tracker (React):** Built a live-updating finance tracker that categorizes income and expenses for real-time savings visualization.
- **Full-stack Financial Tracker (MERN):** Created a dashboard application providing insights into income and expenses, with secure login and email verification.
- **Dhurbatara Education Infosys Website:** Developed and hosted a WordPress website (dhurbatara.edu.np) on AWS, demonstrating end-to-end delivery of a functional and scalable product.
- **XC3 - Xgrid Cloud Cost Control (Open Source):**
Automated AWS resource provisioning and cost optimization using **Terraform** and **Cloud Custodian**, enabling security enforcement, resource cleanup, and real-time monitoring with rollback and reporting features using Grafana and Prometheus.