

SAPHAL K. POUDYAL

+1 (601)-307-9253 | saphalpdyl@gmail.com | Hattiesburg, USA
github.com/saphalpdyl | linkedin.com/saphalpdyl

EXPERIENCE

BTech Ltd.

May 2024 - Aug 2024

Independent Flutter Developer

Remote

- Developed a Flutter based ERP(Entity Resource Planning) system following Clean Architecture and SOLID principles for efficient, scalable, and domain-oriented code.
- Implemented journal entries, journal ledgers, inventory management, billing and multiple different financial reports.
- Managed project timelines and deliverables to ensure on-time completion and high-quality results completing project 11 days earlier than the deadline.
- Collaborated with the client to gather requirements, provide regular updates, and incorporate feedback into the application.

Sipalaya Infotech Pvt. Ltd.

Oct 2024 - July 2024

Secondary Django Instructor | Feb 2024 - July 2024

Jadibuti, Kathmandu, Nepal

- Successfully delivered Django programming course for 3 batches of students, with 9 students managing to land an internship within a month of course completion.
- Developed and presented course materials, leveraging rapid mastery of programming concepts to effectively educate students.

Full-stack Python Developer Intern | Oct 2024 - Apr 2024

- Developed, end-to-end, the CRM service for the Internet service company Beni communications's administrator web application using Django with PostgreSQL and React.js with Redux and Zustand.
- Helped translate PHP REST APIs into scalable Django implementations using Django REST Framework and tested using Postman.
- Contributed heavily in reforming the previous billing system with keyboard shortcuts and macros increasing user experience by 30%.
- Re-documented 99% of the views and service functions using PyDoc learning test driven development(TDD).
- Maintained Continuous Integration (CI) through GitHub Actions and Django Tests.
- Learned to handle and distribute deadlines and heavy workload through Jira.

EDUCATION

The University of Southern Mississippi

May 2028

Bachelor's in Computer and Information Sciences

Hattiesburg, MS, USA

PROJECTS

Parkrr

July 2024 - Present

- A 3D React-based web application powered by an Express Typescript server with JWT authentication to render parking spots for booking.
- Built with React.js and Zustand for front end and state management hosted on Vercel.
- Developed backend with Bun and Hono with MongoDB as the database hosted on Railway.

Express Insight

Sep 2024 - Present

- An Express middleware package published on the NPM registry written in Javascript bundled using rollup.js.
- Test driven development powered by Vitest with domain focused directory and code structure.

Recent Repo

Dec 2023 - Jan 2024

- A dynamic card API for display on GitHub README.md of the user's commit activity.
- Developed on Next.js and deployed on Vercel and designed on Figma.

CERTIFICATIONS

- Linear Algebra for Machine Learning and Data Science
- Supervised Machine Learning: Regression and Classification