

Sushant Pangeni

SOFTWARE ENGINEER · SOFTWARE ARCHITECT · DEVOPS EXPERT

Kavresthali, Tarkeshwor, Nepal

☎ (+977) 980-1275-782 ✉ contact@daysling.com 🏠 <https://daysling.com> 🌙 NightSling 📄 Sushant Pangeni 🐦 @dayslingthedeveloper
📍 Sushant Pangeni 📞 0009-0009-8903-6336

Experience

Software Engineer

United States - Remote

PREMIER STUDIOS, LTD.

2023 - Present

- Managed systems handling client-freelancer interactions, ensuring smooth communication and collaboration for project delivery.
- Developed and maintained a transcript system to securely record and track project achievements and client feedback.
- Worked on integrating various payment methods, streamlining payment processing, and ensuring secure transactions for both clients and freelancers.
- Implemented backend solutions for system performance optimization and scalable deployments to handle increasing project demands.
- Contributed to the improvement of internal tools and processes, enhancing team productivity and client satisfaction.

Software Engineer

Strathcona County, Alberta, CA

PIXELRIDGE SOFTWARES, LTD.

2021 - 2024

- Led a team of developers to deliver multiple client projects, ensuring timely and high-quality outputs.
- Worked extensively on microservices architectures, improving the scalability and maintainability of applications.
- Developed and maintained full-stack solutions, including frontend and backend components, ensuring seamless integration across the tech stack.
- Implemented best practices for code quality, version control, and CI/CD pipelines, improving development workflows.
- Conducted research on Liquid Neural Networks (LNN), exploring their potential for improving the flexibility and efficiency of machine learning models.
- Collaborated closely with clients to understand business requirements and translate them into technical solutions that met their needs.

Freelancer Programmer

Kathmandu - Remote

DAYDEVELOPMENT, INC.

2021 - Present

- Specialize in full-stack web development, building custom solutions using modern frameworks and technologies.
- Maintained a 4.7/5 stars rating, working with over 30 clients globally, delivering high-quality and timely project outcomes.
- Provided system administration services, managing server configurations, ensuring system stability, and optimizing performance.
- Implemented DevOps practices to automate workflows, improve CI/CD pipelines, and ensure seamless deployments across multiple environments.
- Contributed to technical writing, documenting processes, and providing clear, detailed guides for users and fellow developers.
- Delivered solutions tailored to client needs, including e-commerce platforms, enterprise applications, and custom web tools.

Projects

AQ Sentiel

ELECTRONICS/WEB APPLICATION

January, 2025

- AQ Sentinel is a low-cost, real-time air quality monitoring system powered by an ESP32 microcontroller.
- Tracks pollutants like CO, CO₂, NH₄, and LPGs, with smart alerts for gas leaks.
- Integrates with mobile and web apps for easy access to real-time data and is auto-calibrated for various environmental factors.
- Designed to democratize air quality monitoring, the device is suitable for homes, industries, and municipalities.

GCE Scraper

🌙 NightSling/GCE-Scraper

SOFTWARE/SCRAPING TOOL

November, 2024

- A tool that helps students and educators download past GCE exam papers quickly.
- Users can specify subjects, years, and paper types, with multi-threading implemented for faster downloads.
- Aim to save valuable time by accessing study materials.

Skills

Spoken Languages	English, Nepali
Languages	Java, Rust, TypeScript, Golang, PHP, Python, JavaScript, C++, SQL, Bash
Web Development	Next.js, Nuxt.js, React.js, Angular, Vue.js, Svelte, Express.js, Tailwind CSS, Bootstrap, ShadCN
Libraries	Spring Boot, Nest.js, Rocket, Axum, SvelteKit, Django, Flask, FastAPI, Vuex, Redux, jQuery, Electron.js
Databases	PostgreSQL, MariaDB, Redis, MongoDB, Cassandra, ElasticSearch, Firebase, MySQL, SQLite
Version Control	Git, GitHub, GitLab, Bitbucket
Cloud Infrastructures	AWS, Azure, Google Cloud, Heroku, DigitalOcean, Firebase, Netlify, Vercel, Docker, Kubernetes, Terraform
DevOps/Automation	Jenkins, Ansible, Nginx, Docker Compose, Kubernetes, Helm, CI/CD, GitLab CI, GitHub Actions, Prometheus, Grafana, ArgoCD
System Admin	SSH, Nginx, Apache, Reverse Proxy, Load Balancing, DNS, Firewalls, VPN
Machine Learning	TensorFlow, Keras, PyTorch, Scikit-learn, OpenCV, Liquid Neural Networks (LNN), NLP, Data Preprocessing
Android Dev.	React Native, Flutter, Ionic, Android SDK, Kotlin
Testing/Debugging	Jest, Mocha, Cypress, Selenium, Postman
Proj. Management	Jira, Trello, Asana, Slack, Notion, Microsoft Teams, Google Workspace
Technical Writing	Markdown, LaTeX, Jupyter Notebooks, GitHub Pages, API Documentation (Swagger/OpenAPI)
Others	API Development (RESTful, GraphQL), Web Scraping, Cron Jobs, WebSocket, WebRTC, Serverless Architecture, Payment Integration (Stripe, PayPal, Razorpay)

Education

St. Xavier's College

Maitighar, Kathmandu, NP

GCE A-LEVELS

May 2023 - August 2025

- Completed CAIE A-Levels featuring in-depth study of mathematics, physics, chemistry, and computer science.
- Participated in various extracurricular activities, including hackathons and robotics competitions.