

Sumit Sapkota

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PROFESSIONAL SUMMARY

Full-stack engineer with 4+ years of experience developing cloud-native applications using Python, Go, and SQL, including NoSQL databases. Skilled in designing and implementing MVC and microservices architectures for scalable, maintainable systems. Proven ability in leading projects from conception to production and optimizing system performance through scalable, maintainable code. Skilled in backend development, API design, and front-end frameworks including React.js, Next.js and Typescript. Experienced in fast-paced, Agile environments and adept at guiding cross-functional teams.

TECHNICAL SKILLS

- **Languages & Frameworks:** Python (Django, DRF), Golang(Gin), Node.js, JavaScript, TypeScript, React.js, Next.js, Redux
- **Databases & Querying:** SQL, PostgreSQL, MongoDB, Redis, Firestore, Microsoft SQL Server
- **Cloud & Infrastructure:** Google Cloud Platform (App Engine, Compute Engine, Cloud Functions, Pub/Sub), Docker, Kubernetes (basic), CI/CD (CircleCI, GitHub Actions, Jenkins), Amazon Web Services (Amazon S3, Cognito, EC2, Document DB, RDS)
- **Development Practices:** REST API Design, MVC, Microservices, Agile/Scrum, Test-Driven Development (TDD)
- **Version Control & Tools:** Git, GitHub, Jira, Confluence, Postman, Visual Studio Code
- **Soft Skills:** Analytical Problem Solving, Communication, Team Leadership & Mentorship, Process improvement and Ownership
- **Industry Experience:** Startup Experience, SaaS Experience

PROFESSIONAL EXPERIENCE

Scala Inc. -- Ready To Work Team

Jan 2021 - Dec 2023

Software Engineer

Japan-based Company

Engaged in roadmapping and architecture discussions while utilizing Golang, React.js, and Node.js to design production-ready systems.

- Built and managed cloud infrastructure on GCP, cutting deployment time by 40% and achieving 99.9% uptime with Infrastructure-as-Code.
- Developed scalable backend services and APIs with Go and Node.js, following modular architecture and design patterns like MVC, MVT and Microservices, reducing development time by 30% and taking projects from concept to production.
- Delivered Dockerized, REST-driven microservices with unit testing and dependency injection, cutting server costs and enhancing maintainability.
- Contributed to end-to-end system design, architecture discussions, and feature implementation for scalable SaaS platforms.
- Created interactive dashboards with React.js, Next.js, Redux, React Query, Tailwind CSS, and Material UI to enhance user experience and maintain front-end code quality.
- Authored modular, well-documented frontend code in TypeScript and JavaScript (ES6+), applying Atomic Design principles for UI consistency.
- Automated CI/CD pipelines (CircleCI, GitHub Actions), compressing release cycles from 2 weeks to 3 days.
- Ensured software stability through automated testing, verification, and continuous integration pipelines.
- Implemented a high-performance search feature using Elasticsearch to enable complex querying and faster results.
- Drafted and maintained comprehensive documentation for codebases and frameworks to ensure clarity and usability across development teams.
- Collaborated with Agile teams and supported peers including engineers, designers, and product managers to unblock challenges and deliver user-focused features, boosting customer retention by 10%.

Uptechsys Pvt. Ltd.

Jun 2019 - Dec 2020

Full Stack Developer

Kathmandu, Nepal

- Led development of web apps for 5,000+ monthly users using React.js, Redux, and Tailwind CSS, contributing to robust architecture discussions and production-readiness.
- Built clean, scalable APIs and microservices with Django REST Framework (DRF), leveraging Python and established MVT patterns for a robust backend design.
- Optimized performance with refined queries, pagination, and standardized validation, achieving 35% faster database (Postgres

compliant) and server response times.

- Migrated legacy applications to modern cloud platforms by refactoring code in Python Django and Node.js, significantly enhancing reliability.
- Mentored interns to ensure seamless project handoff and accelerated team onboarding.
- Integrated secure payment gateways within React.js interfaces using Stripe, expanding e-commerce capabilities.

EDUCATION

Avila University -- Kansas City, Missouri, US

2024 - 2025

Master of Science, Business Analytics and Management

Advanced College of Engineering and Management -- Kathmandu, Nepal

2015 - 2019

Bachelors, Computer Engineering

HIGHLIGHTED PROJECTS

Go-Gin Skeleton

- A backend framework in Go (Gin) to accelerate development and standardize team best practices with core modules validation, JWT auth, logging

BeHealth

- A scalable platform for a government initiative providing free healthcare services to the elderly.

DigiSign

- A secure B2B SaaS platform for digital document signing and automated business workflows.

HrTech

- An HR platform automating the employee lifecycle, from onboarding to payroll.

Audience

- A high-traffic mobile app for real-time golf score predictions via live data analytics.