

Subrat Gyawali

Senior Software Engineer

Results-oriented and innovative Senior Software Engineer with 8 years of experience. Easily communicates complex technical requirements to non-technical stakeholders. Excellent leadership record of leading development teams in enterprise-wide development projects.

Contact

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Profiles

<https://www.linkedin.com/in/subratgyawali/>

<https://github.com/sub-rat>

Technology Skills

- GoLang
- Javascript
- NodeJS
- Typescript
- Python
- Java
- Kotlin
- PostgreSQL
- MongoDB
- SQL
- Elasticsearch
- RealTime databases
- Linux
- Software Development
- Kubernetes
- Docker
- CI/CD

Work History

Jan 2024 - present

CTO/Co-founder, RippleBytes

Manbhawan, lalitpur, Nepal

Jan 2024 - present

Product Owner(Ledger Engine), Rara Digital Labs

Manbhawan, lalitpur, Nepal

Dec 2022 - Dec 2023

Senior Software Engineer, Rara Digital Labs

Manbhawan, lalitpur, Nepal

- Spearheaded the development of the "Myra" project, significantly enhancing digital capacity for cooperatives, and Achieved a 25% reduction in processing time, optimizing the efficiency of cooperative operations.
- Led the CityPay Nepal, Fintech System Development, focusing on backend of Wallet and LedgerEngine, driving innovation in financial technology.
- Guided and mentored the team, fostering a culture of excellence.
- Achieved a 35% increase in user base within 6 months, and project delivery within 50% of the estimated time.
- Utilized technologies: Golang, Python, Nodejs, gRPC, GraphQL, Kubernetes, Docker, PostgreSQL, TiDB.

Nov 2020 - Nov 2022

Senior Software Engineer, Ayaansh Technologies

Gabahal, Lalitpur, Nepal

- Headed the Fintech project "PayWell, " overseeing system architecture design and database planning.
- Developed robust backend services in Golang and Nodejs, implementing RESTapi and tools for galaxy tv media house .
- Orchestrated CI/CD pipelines and deployment within Kubernetes, ensuring seamless integration.
- Conducted pioneering research in Social Computing for High-Performance Computing with microservices.
- Keywords: Golang, Python, NodeJs, Microservices, CI/CD, Kubernetes, Docker, MongoDB, PostgreSQL, AWS, GCP

July 2019 - Nov 2020

Software Engineer, BerryBytes/Nepallink Network Pvt. Ltd

Lalitpur, Nepal

- Developed Automated CI/CD process in Kubernetes integrating auto Containerization with users codebase from a git repository with Go client, Argo, GRPC for project 01cloud.

- AWS
- GCP
- Microservices
- Kong ApiGateway
- Android Application Development
- IOS Application Development
- Product development
- Software Development
- Client requirements
- Project Management

- Developed microservices with Golang and GRPC for the server to server communication in O1cloud.
- Used TDD approach for development of the API in Nodejs(Php was used before and we replaced the API with Nodejs) in Project Menu board manager.
- MongoDB Schema was changed to support the new features
- Writing the plugin in Golang for the server (a feature of the project which is pluggable)
- Writing the test in python (test is the feature used in the project to test against the scraped data)
- Manage the pub/sub and cloud storage (GCE)
- Deployment pipeline based on Kubernetes
- Keyword: Golang,Python,NodeJs, gRPC,RestApi, Microservices, Product,CI/CD,Kubernetes, Docker, PostgreSQL,MongoDB,AWS,GCP

*March 2018
- March
2019*

Software Engineer, Evolve Pvt. Ltd

Kathmandu, Nepal

- Collaborate with marketing, key executives, UI designers, and other developers to develop cutting-edge applications for the Corporate sectors of Vishal Group without jeopardizing data privacy or security.
- Ensure applications are properly integrated with Android APIs
- Maintain the database and data integrity with proper foreign key and query mapping
- Ensure that MVP pattern with proper dependency injection is strictly followed
- Ensure the application is fully functioning with Observable pattern (RxJava)
- Participate in Agile software development life cycle
- Contribute and participate in new feature/product specifications
- Research in Kotlin and functional programming with lambdas
- Development of IOS App using swift and Xcode
- Research and development in RxSwift, Alamofire and MVP in ios
- Keyword: Java,Kotlin,RestApi,Android,IOS, Product,CI/CD,SQLite,PostgreSQL

*January
2017 -
February
2018*

Software Engineer, Percoid It Solutions

Lalitpur, Nepal

- Ensure applications are properly integrated with Android APIs
- Ensure that MVP pattern is strictly followed
- Participate in fast-paced development cycles; have completed 100% of deadlines ahead of schedule
- Contribute and participate in new feature/product specifications
- Keyword: Java,RestApi,Android, Product

*January
2016
-December
2016*

Android Developer, Mantra Ideas

Kathmandu, Nepal

- Worked with Management and medical team to develop a user-friendly, secure, and reliable health monitoring mobile application

- Research in EMR and working on inhouse HR Management Application
- Ensure applications are properly integrated with Android APIs
- Create SQL database structures that integrate with Android applications and web interfaces
- Maintain amazon server running on Ubuntu 14.04 with Apache
- Articulated technical risks and obstacles to key stakeholders and managers
- Work directly with the doctor's team to develop health application
- Keyword: Java, RestApi, Android, Project



Education

*August 2011
-November
2015*

Bachelor's Degree in Computer Engineering: Computer Science and Programming

Himalaya College Of Engineering, Tribhuvan University –
Chyasal, Lalitpur, Nepal



Additional Information

- Have successfully conducted numerous comprehensive training sessions in the Go Programming language, catering to groups of 15-20 students per session based on US
- Have successfully conducted Android Application development training
- Have successfully conducted numerous comprehensive training sessions in backed software development in Himalaya College of Engineering (2016).
- Organized the multiple events for Google Developers Group.