

Puran Adhikari

Principal Software Engineer

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LinkedIn | GitHub | Medium

WORK EXPERIENCE

Leapfrog Technology, Kathmandu — Principal Engineer

July 2024 - PRESENT

Skills: Golang, Java, PHP, AWS, Docker, Kubernetes, Oracle, ORDS, Strategic Planning, System Design, Pre-Sales

Smaitic Labs | Avesha, Remote — Sr. Software Engineer | Contractor

August 2021 - June 2024

- Developed Kubernetes operators with Golang, Kubebuilder, and Operator SDK, automating application management.
- Collaborated on CI/CD pipelines with DevOps for efficient deployment workflows.
- Implemented RESTful and GraphQL APIs with NodeJS and NestJS, designing scalable system architecture and integrating databases for efficient data management.
- Provided mentorship on Kubernetes concepts, operator development, and best practices, fostering team expertise and growth in system architecture.

Skills: Golang, Docker, Kubernetes, Prometheus, Grafana, Operator SDK, REST APIs, GraphQL, TypeScript, Node.js, NestJS, AWS (Lambda, DynamoDB, Serverless, Step Functions, EC2, Cognito, CloudFront, RDS, RedShift, S3, SNS, Route 53, ELB, etc.), etcd, PostgreSQL, MySQL, Redis, MongoDB, Jenkins, Git, Software Architecture, CI/CD Pipelines

Prithak Creation, Lalitpur — Chief Technology Officer

September 2019 - July 2021

- Led architecture, platform, and data configuration processes, maintaining technology infrastructure, and planning future products.
- Managed development milestones, consulted on system improvements, and contributed to Sprint planning.
- Designed efficient software aligned with business objectives, collaborated on containerized applications and built robust APIs utilizing Golang, NestJS, AWS, DynamoDB, Serverless, Cognito, and Lambda.

TECHNICAL SKILLS

Areas	Open Source, Containers, Hybrid Cloud, Distributed Systems, Micro Services, DevOps.
Languages	Go, Java, JavaScript, C, C++, PHP.
Libraries & Frameworks	Kubernetes, Node.js, NestJS, Terraform, Operator SDK, Kubebuilder, Laravel, ORDS, Vue.js, GraphQL, REST APIs.
Tools	cert-manager, kubelet, Docker, Jenkins, Kind, Prometheus, Grafana, JetBrains IDEs.
Platforms	Linux, Google Cloud Platform, Amazon Web Services (Lambda, DynamoDB, Serverless, Step Functions, EC2, Cognito, CloudFront, RDS, RedShift, S3, SNS, Route 53, ELB, etc.), Heroku, DigitalOcean.
Databases & Storage	etcd, MongoDB, AWS S3, Redis, MySQL, PostgreSQL, Oracle, DynamoDB.

Skills: Golang, Docker, Kubernetes, TypeScript, Node.js, NestJS, REST APIs, GraphQL, AWS, MongoDB, PostgreSQL, Prometheus, Grafana

Tolung Creations, Bhaktapur — Chief Technology Officer

July 2018 - August 2019

- Led strategic technology initiatives, overseeing architecture, implementation, and optimization to drive innovation aligned with business goals, while directing cross-functional teams to foster collaboration and drive technology-driven growth.
- Established and maintained robust development processes, ensuring the delivery of scalable, high-quality solutions while spearheading innovation and aligning with business goals.

Tolung Creations, Bhaktapur — Sr. Web Developer

September 2017 - June 2018

- Wrote well-designed, testable code adhering to best practices.
- Designed and developed database architectures, integrating data from back-end services, and refining specifications based on technical needs.
- Created and maintained software documentation, collaborating with web designers to align with visual design intent.

Tolung Creations, Bhaktapur — Web App Developer

December 2015 - August 2017

- Contributed to writing well-designed, testable code using best practices.
- Assisted in designing and developing database architectures, integrating data from back-end services, and refining specifications.
- Participated in maintaining software documentation, and collaborating with web designers to align with visual design intent.

Skills: PHP, Laravel, JavaScript, jQuery, Vue.js, MySQL, Git, HTML, CSS

Studio Matrix, Kathmandu — Jr. Web Developer

October 2014 - November 2015

- Supported web development team in all aspects of website and app development.
- Assisted in testing and maintaining backend applications, collaborating with developers to implement new web features.

Studio Matrix, Kathmandu — Web Development Intern

April 2014 - September 2014

- Assisted in the website and application development tasks.
- Contributed to backend application testing and maintenance.
- Collaborated with developers on implementing new web features.

Skills: PHP, Joomla, WordPress, MySQL, HTML, CSS, JavaScript, jQuery

NON-TECHNICAL SKILLS

- Strategic technology planning and implementation
- Team leadership and cross-functional collaboration
- Development milestone management and sprint planning
- Mentorship and fostering team expertise
- Establishment and maintenance of robust development processes

EDUCATION

2018 - 2020	Masters of Science in Computer Science & Information Technology Central Dept. of CSIT, TU, Kathmandu CGPA 3.56/4.00
2011 - 2015	Bachelors of Science in Computer Science & Information Technology Ambition College, Kathmandu 82.02%

LANGUAGES

Nepali (Native), English, Hindi