

Bhishan Bhandari

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PROFESSIONAL EXPERIENCE

Founder(Tech)

YaYpply, Kathmandu | Remote

Mar 2024 - Apr 2025

- **Started a B2B SaaS** platform to counter overspending in headcount to save millions in unnecessary costs by identifying overspending from unstructured data within an organization.
- Developed end-to-end workflow with **Retrieval Augmented Generation** pipelines.
- Conducted user interviews to validate the product.

Engineering Manager

datag Inc., Tokyo | Remote

Aug 2023 - Mar 2024

- Led the development of a **HA/HS** platform for automated candidate screening.
- **Established DevOps rulebook** and introduced the use of **IaaC** establishing reliable deployment and maintenance across multiple environments.
- Guided **serverless** architecture usage allowing parallel processing of candidate documents using SQS and lambdas.
- Created and managed **growth plans** for individual engineers.

Technical Advisor

Fourth Valley Concierge Corp, Tokyo | Remote

May 2023 – Sep 2023

- Collaborated with executive leadership on **AI product strategy**, helping shift roadmap towards future-safe development.
- Worked in aligning financial priorities and engineering priorities with **measurable KPIs** ensuring clarity between engineering team and leadership.
- Transferred knowledge into AWS infrastructure and optimization.

Technical Lead

Fourth Valley Concierge Corp, Tokyo | Remote

Jun 2022 – Apr 2023

- Managed distributed and remote engineering team spanning **multiple locations** across multiple countries.
- Created **rulebooks** for sprint planning, code reviews, and CI/CD workflows.
- Implemented **scalable serverless backends and microservices** in AWS ecosystem.
- **Reduced infrastructure cost by 20%** through rightsizing and automation, load balancing and effective monitoring with CloudWatch.

Software Engineer

Fourth Valley Concierge Corp, Tokyo | Remote

May 2021 – May 2022

- **Architected** and built core modules of the **SaaS** platform for cross-border recruitment
- Collaborated with engineers from different timezones across **Singapore, Japan, Vietnam and Nepal**
- Led feature releases, **RCAs**, and performance tuning.
- Transitioned **realtime chat** feature of the product to **Golang** from Python achieving high concurrency of web socket connections and optimal resource usage.

Research Engineer

UXCam Inc. | Onsite

May 2017 – Dec 2018

- **Engineered mobile analytics** systems for mobile app teams to understand their customer's usage behaviors.
- Architected **highly scalable** app intelligence collection pipeline that can run **24/7, 365 days** utilizing AWS ecosystem on desired **n number of instances parallelly**.

Software Engineer Intern

Deerwalk Inc. | Kathmandu

Feb 2015 – Oct 2016

- During my Bachelors, I applied to and got an internship to support my living expenses. Contributed to building multiple hybrid mobile applications using JQuery Mobile and Cordova.

EDUCATION

Tribhuvan University(Deerwalk Institute of Technology) | Nepal (2013-2017)

- BSc. Computer Science and Information Technology

PUBLICATION

- **Bhandari, B.;** Lee, G.; Cho, J. *Body-Part-Aware and Multitask-Aware Single-Image-Based Action Recognition*. *Applied Sciences* **2020**, 10(4), 1531. DOI: 10.3390/app10041531.

FREELANCE EXPERIENCE

Fiverr (**25+ Countries**) | Remote (<https://fiverr.com/bhishan>)

Aug 2016 onwards

- Took over **100** projects pertaining to standalone scripts, web applications, **DevOps** and AI/ML projects to clients globally with a 5/5 rating.
- Key technologies used are Django, Flask, React, FastAPI, Terraform, AWS, GCP, Next.js.

CONTENT CREATION EXPERIENCE

Programming Blog ([Blog](#))

Aug 2014 onwards

- Maintained a readership from over **180 countries** creating programming related articles and tutorials.
- Contents republished and distributed by major feed aggregators like planetpython.org

TECHNICAL SKILLS

- *Programming Languages:* **Python, JavaScript, TypeScript**, Golang, Java, C++, SQL, Shell, Bash
- *Frameworks & Libraries:* **Django, Flask, React.js, Next.js**, Angular, jQuery, Socket.IO, Three.js, GraphQL
- *Databases:* **PostgreSQL, MySQL, MongoDB, Redis, DynamoDB, Elasticsearch, Pinecone, Vectordb, Firebase**
- *Cloud Platforms:* **AWS, GCP**, Heroku, Vercel, DigitalOcean
- *DevOps & Infrastructure:* **Docker, Terraform, Elastic Beanstalk**, Kubernetes, ECS, EKS, **Serverless Framework, GitHub Actions, CI/CD**, Jenkins, CloudFormation, **Route53, VPC, IAM, Secrets Manager, CloudWatch, S3, Lambda, API Gateway, SQS, Firebase**
- *AI/ML & Data Tools:* TensorFlow, **PyTorch, Hugging Face, Scikit-learn, Pandas, OpenCV**, LangChain, **OpenAI API, Deepseek API**, Tesseract OCR, spaCy
- *Analytics Tools:* Mixpanel, Amplitude, **Google Analytics, UXCam, AWS Quicksight**, Grafana
- *Project & Collaboration Tools:* **Jira, Confluence, Asana, Trello, Slack, Notion, Figma, Miro, Postman**
- *Architecture & Practices:* **Event-Driven Architecture, Metadata-Driven Systems, Monorepos, Microservices, RESTful APIs, WebSockets, TDD, Agile, Scrum, Kanban**