

GOVIND BOHARA

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[Github](#) | [Linkedin](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Master of Computer Science student focused on backend systems, cloud infrastructure, and distributed computing. Learning Go by building real infrastructure tooling, alongside delivering fintech and KYC platforms on AWS. Passionate about high-throughput, reliable backend systems, platform engineering, and performance at scale.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Go (learning), Python (basic)

Backend: Node.js, Express, REST, GraphQL

Infrastructure: Linux (Ubuntu), SSH, nginx, Docker (basic), AWS EC2

Cloud: AWS Lambda, S3, Rekognition, Cognito, Amplify

Concepts: Data Structures & Algorithms, Distributed Systems, Concurrency

PROJECTS

SimpleDeploy – CLI tool for automating deployment

Tech Stack: Go, SSH, SFTP, Yaml, Nginx, AWS EC2

- Designed a Go-based deployment CLI that automates node applications and static websites delivery to remote Ubuntu servers via SSH, reducing manual effort by ~90%.
- Built a yaml configuration to enable repeatable and reliable deployments.
- Implemented artifact packaging, secure file transfer (SFTP), and remote execution workflows.
- Automated nginx virtual hosting to serve multiple applications on a single server over port 80.
- Configured custom domains using nginx reverse proxy for production-ready hosting.

KYC Verification System: Identity automation system

Tech Stack: ExpressJS, PostgreSQL, AWS (Rekognition, Amplify, S3)

- Built an end-to-end KYC platform for automated identity verification in user onboarding and integrated with the main platform.

- Designed the backend to support concurrent user verification requests without blocking the main service.
- Integrated AWS Rekognition for face liveliness and document validation.
- Reduced manual verification workload by 60–70%.
- Lowered third-party KYC platforms (Onfido) costs by 30–40%.

EXPERIENCE

Software Engineer - Fintech Solutions

Kathmandu, Nepal | 2022 – 2025

- Designed and maintained production REST and GraphQL services used in real payment workflows.
- Implemented serverless solutions using TypeScript and AWS Lambda, reducing infrastructure and operational costs
- Implemented CI/CD pipelines and managed deployments on AWS EC2.
- Debugged live production issues, delivered urgent fixes with minimal downtime.

Leadership

University of Sydney - Student Ambassador (OOPS in Java) - First Semester

- Mentored peers on object-oriented programming concepts in Java.
- Acted as a bridge between students and instructors to improve learning outcomes.

Honors And Awards

Certificate of Participation - Professional Practice in IT (INFO5990), University of Sydney (2025)

EDUCATION

Master of Computer Science – The University of Sydney, Australia

2025 - Present

