# Buddha Mani Gautam

*Backend Developer*

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## 👤 Profile

Computer Engineer with ~3 years of experience in backend development, along with hands-on work in DevOps roles such as CI/CD, Infrastructure as Code (Terraform), and Cloud Engineering (AWS). A Linux enthusiast who loves experimenting with new technologies and is passionate about building a successful career in tech.

## 💼 Skills

**Languages & Frameworks:** — Python, Django

**Databases & Messaging:** — PostgreSQL, Redis, RabbitMQ

**DevOps & Tools:** — Linux, Docker, CI/CD, Terraform, Portainer, Cloudflare

**AWS** — EC2, Cloudfront, Route53, VPC, Cloudwatch, WAF, Lambda@edge

**Soft skills** — Great Communicator, Team player, Warm and People-Oriented

## 💼 Professional Experience

**Aerawat,** *Software Engineer*                                           Sep 2024

- Core backend and DevOps engineer for a multitenant SaaS product (RxPIN). Ensure schema level seperation between tenants with subdomain based routing.
- Built RBAC systems from scratch, with tenant level feature control and ui permissions.
- Optimized DB queries in the legacy system by dropping $O(n)$ queries to $O(1)$ with further caching for performance.
- Continuously building api while monitoring for utmost optimizations. Built proper caching framework to handle proper invalidations and optimized db queries.
- Set up dev, UAT, and prod environments using Terraform, following AWS well-architected frameworks.
- Integrated Prometheus and grafana for monitoring for possible downtimes and reduced CPU usage. Used Portainer for container access control.
- Implemented CloudFront with Lambda@Edge for global content delivery and caching.

**Khalti,** *Backend Developer*                                    Aug 2023 – Aug 2024

- Integrated Khalti CBS with cooperative providers for payment services.
- Developed an enterprise merchant stack for door-to-door payments.
- Built event systems used during major concerts (Arijit Singh, Atif Aslam).
- Implemented OAuth, notification systems, dashboard visualizations, export management, and more.

**LIS Nepal,** *Software Intern*                                    May 2023 – Jul 2023

- Created ETL scripts and generated reports using Oracle BI Publisher.
- Worked on POCs involving LLMs, autonomous agents, and vehicle speed calculation (YOLO).

**Freelance**                                                       Jan 2022 – Jan 2023

- Developed a freelancing platform (Upwork-style) for an international client.
- Managed deployments using AWS, Heroku, and CI/CD pipelines.
- Built automation tools for scraping, web automation, and more.

## 🎓 Education

**Kathmandu University,** *Bachelor in Computer Engineering*        2018 – 2023

## 📁 Projects

**HOMELAB,** *Setting up a personal homelab*                        2024

- Self-hosted tools: Immich (photo backup), Jellyfin (media streaming), Nextcloud (file storage).
- Configured Tailscale for private VPN access; used Cloudflare Tunnel for public services.

**VOTIFACE,** *Blockchain Based voting application*                 2023

- Blockchain-based mobile voting POC for Nepal's national election (university project).
- Facial recognition to provide additional authentication of voters.

## ⚒ References

**Mr Lekh Nath Khanal**, *CTO,* SCSS Consulting
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**Mr. Arjun Singh**, *Senior Software Engineer,* Time charge n go
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