

# ROBA NATH BASNET

## DEVOPS ENGINEER

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### SUMMARY

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DevOps Engineer with 2+ years of experience in managing blockchain infrastructure, automating deployment, and enhancing system efficiency. Specialized in CI/CD pipelines, Linux/Windows administration, Docker containerization, and infrastructure security. Experienced in billing management, full-stack development (Next.js, MERN stack), and database management. Proficient in shell scripting, monitoring blockchain and DeFi systems, and implementing cloud solutions with a focus on security, scalability, and cost optimization. Strong skills in Linux System Automation, infrastructure optimization, security and troubleshooting.

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### PROFESSIONAL EXPERIENCE

November 2022 – Present

#### DevOps Engineer at ChainZeeper (November 2022 - Present)

- **DevOps:** Deploy/manage CI/CD pipelines, automate infrastructure using shell scripting.
- **System Administration:** Administer Linux/Windows servers, blockchain infrastructure.
- **Infrastructure:** Configure Docker, Docker Compose, NGINX for scalable deployments.
- **Observability:** Implement monitoring solutions, ensure system reliability.
- **Development:** Develop blockchain apps with Next.js, MERN stack, and manage databases (MongoDB, SQL, PostgreSQL).

### CORE COMPETENCIES

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- **DevOps & Infrastructure:**
  - CI/CD, IaC, Shell scripting, Linux/Windows Admin, Docker, NGINX, Reverse Proxy, Observability, Cloud (AWS, DigitalOcean, Vercel)
- **Development:**
  - Full-stack (MERN, Next.js, TypeScript, JavaScript ES6+), Backend (Node.js, PHP, APIs), Frontend (React, HTML5, Tailwind CSS, Responsive Design)
- **Databases:**
  - MongoDB, SQL, PostgreSQL
- **Blockchain & Web3:**
  - Node Operations, Transaction Optimization, Web3/DeFi development, Blockchain security

### KEY CERTIFICATIONS

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- **Development:**
  - TypeScript for Professionals, Web Development Masterclass, JavaScript ES6+
- **DevOps:**
  - DevOps Essentials (IBM), Shell Scripting (IBM), Git and GitHub Essentials (IBM), DigitalOcean Cloud Platform Fundamentals
- **Blockchain:**
  - Blockchain Advanced Level, Blockchain Uses Beyond Applications, DeFi Protocols

### EDUCATION & TRAINING

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- **June 2020 – June 2022 | Diploma in Computer Systems & Network**  
Jigme Namgyel Engineering College, Royal University of Bhutan
- 15+ Professional Certification courses in Blockchain, DevOps, Web Development, and System Administration from IBM, Udemy and Sololearn (2021-2025).