Ethan Nguyen

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1 Career Objective

A dedicated Backend Engineer with 4 years of experience building scalable cloud-based applications and microservices. Seeking to apply expertise in Go, Node.js, and AWS to develop reliable, enterprise-grade backend solutions in a collaborative environment.

2 Skills & Technologies

Languages: Go, JavaScript, SQL

- Frameworks: Node.js

- Databases: PostgreSQL, DynamoDB

- Cloud & Tools: AWS (ECS, RDS), Docker, Terraform, Git

- Other: REST APIs, Microservices, CI/CD

3 Professional Experience

Backend Engineer (Cloud)

June 2020 - Present

CloudPeak Systems, Seattle, WA

- Designed and implemented RESTful APIs and microservices using Go, supporting 100,000+ daily requests.
- Optimized AWS-based infrastructure with Terraform, reducing costs by 15%.
- Managed PostgreSQL and DynamoDB databases, improving query performance by 30%.
- Collaborated with cross-functional teams to deliver end-to-end features for enterprise clients.
- Wrote secure, testable code with 95% test coverage using Go testing frameworks.
- Resolved performance bottlenecks, achieving 99.8% system uptime.

Backend Developer

TechTrend Labs, Remote

June 2019 - May 2020

- Developed backend services using Node.js and PostgreSQL.
- Contributed to CI/CD pipeline improvements using Docker and Git.
- Assisted in troubleshooting and optimizing cloud-based applications.

4 Projects

Cloud-Based Inventory API

- Built a microservices-based API using Go and DynamoDB for real-time inventory tracking.
- Deployed on AWS ECS with Terraform for infrastructure management.
- Technologies: Go, DynamoDB, AWS, Terraform.

5 Education

Bachelor of Science in Computer Engineering Graduated May 2019 University of Washington, Seattle, WA