NGUYEN VAN AN

Senior Backend Engineer

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SUMMARY

A results-driven Senior Backend Engineer with over 6 years of experience in designing, developing, and deploying scalable and high-performance web applications. Proven expertise in the Python ecosystem, particularly with Django and Flask. Passionate about building robust microservices architectures and leveraging cloud technologies to optimize system efficiency.

SKILLS

- Languages: Python, Go, SQL

- Frameworks: Django, Flask, FastAPI

- Databases: PostgreSQL, MySQL, Redis, MongoDB

- APIs: RESTful API Design, GraphQL

- DevOps & Cloud: Docker, Kubernetes, CI/CD (Jenkins, GitHub Actions), AWS (EC2, S3, RDS, Lambda), Terraform

- Others: Microservices Architecture, System Design, Git, Unit Testing

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EXPERIENCE

Senior Backend Engineer | TechCorp Vietnam | Ho Chi Minh City

Jan 2020 - Present

- Led the development of a new microservices-based payment gateway, processing over 10,000 transactions per day.

- Designed and implemented scalable RESTful APIs for mobile and web clients, reducing latency by 30%.

- Optimized PostgreSQL database queries and schema design, improving overall application performance by 25%.

- Containerized applications using Docker and orchestrated deployments on AWS with Kubernetes (EKS).

- Mentored 3 junior engineers, conducting code reviews and promoting best practices in software development.

Backend Developer | Innovate Solutions | Da Nang

Jun 2017 - Dec 2019

- Developed and maintained core features for a large-scale e-commerce platform using Python and Django.

- Collaborated with frontend developers to integrate user-facing elements with server-side logic.

- Implemented a caching layer with Redis to reduce database load and improve response times.

EDUCATION

Hanoi University of Science and Technology | Hanoi

Bachelor of Science in Computer Science | 2013 - 2017

- GPA: 3.6/4.0

PROJECTS

Microservices-based E-commerce API

- A personal project to build a fully functional e-commerce backend with services for Users, Products, and Orders using FastAPI, Docker, and PostgreSQL.

CERTIFICATIONS

- AWS Certified Developer – Associate | Issued: 2021