



# NỀN TẢNG CÔNG NGHỆ TUYỂN DỤNG THÔNG MINH

Ưng viên: Đặng Ngọc Phong | Nguồn: tuyendung.topcv.vn





# Dang Ngoc Phong

GOLANG BACKEND DEVELOPER

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#### SUMMARY

- Versatile Skill Set: Over 1.5 years of professional experience in software development, with a strong focus on backend systems and scalable solutions.
- Backend Development Expertise: Designing and developing APIs, integrating third-party APIs, and building CI/CD pipelines with GitHub Actions to automate development, testing, and deployment processes.
- Internal Team Collaboration: Working closely with cross-functional teams to ensure seamless communication, effective problem-solving, and timely delivery of projects. My focus is on fostering a cooperative and productive work environment to achieve shared goals.
- · Soft Skills Excellence: Demonstrating excellent communication, problem-solving, and adaptability.

## PROFESSIONAL EXPERIENCE



# HOPEE SOLUTIONS

# Golang Backend Developer

Dec 2023 - present

Project: VitaliveOS is an advanced clinical trial management system that replaces the manual verification process for Overall Survival (OS) via phone with an automated system using SMS and modern data management tools.

- Key contributions:
  - Designed and developed RESTful APIs using Golang (Gin framework) and Bun ORM to handle business logic, efficiently query the database, and deployed the application to AWS EC2.
  - Wrote unit tests to ensure the functionality of critical components, including API endpoints, business logic, and third-party service integrations, ensuring system reliability and minimizing bugs.
  - Integrated third-party services such as Twilio for automated SMS sending, reducing OS verification time by 90%, and SendGrid for seamless email notifications.
  - Utilized Redis as a message queue for asynchronous processing, enhancing system reliability and scalability, while Sentry was deployed for real-time error tracking and maintaining application stability.
  - Configured AWS Cognito for user authentication, improving security and user management.
  - Established GitHub Actions for CI/CD, automating development, testing, and deployment to ensure smooth, continuous delivery.
  - · Developed webhook functionality to track and log SMS/email delivery statuses in real time, ensuring transparency and reliability in communication.
- Tech stack: Go (Gin Framework), PostgreSQL, Redis, AWS Cognito, Twilio, Sendgrid, Sentry, Github Action

#### SKILLS

# Programming Languages

Golang, Java, PHP, SQL

# Frameworks/Libraries

Gin Gonic, Laravel, Spring, Gorm, Bun ORM

#### Databases

MySQL, PostgreSQL

# English

Good Reading and Listening

#### Others

Restful API, Github Action, AWS EC2, AWS Cognito, Redis, Git, Postman, Docker, Figma

#### **CERTIFICATES & AWARDS**

Research Paper: "Highly Transparent Peer-To-Peer Charity Funding System Based on Blockchain Technology". (Young Scientists Conference IUH) Main Author - Accepted for publication	Sep 2023
GDSC Hackathon Vietnam 2023 (4th)	Mar 2023
Foundations of User Experience (UX) Design	Aug 2022
GDSC Certificate of Appreciation	Jun 2022
GDG Devfest MienTrung Hackathon (10th)	Nov 2021
Google Cloud Skills Boost	Nov 2021

### EDUCATION

# Industrial University of Ho Chi Minh City - Information Systems, GPA: $3.0 \, / \, 4.0$

Learn how to design, develop, and manage information systems that support business operations. 2020 Key areas include programming, database management, network security, and data analysis, with a 2024 focus on using technology to improve decision-making and business processes.

# ACTIVITIES

Event Manager at Google Developer Student Clubs - Industrial University of Ho Chi Minh City

2021 2023 Organized events, conducted workshops, and delivered workshops reaching over 1000 students.