



## Chung Ho Duc

**Nationality:** Vietnamese **Date of birth:** 12/06/1990

**Phone number:** (+49) 017636843053

**Email address:** [chunghoduc1206@gmail.com](mailto:chunghoduc1206@gmail.com)

**Home:** Soproner Straße 4, 99427 Weimar (Germany)

### ABOUT ME

I am an enthusiastic software development engineer with more than 10 years of experiences working in software development industry. My strength is designing and developing back-end systems and apis using various of languages and patterns

### WORK EXPERIENCE

#### Senior Software Engineer

**Teko Vietnam Technology JSC** [ 03/2017 – 09/2022 ]

City: Hanoi | Country: Vietnam

##### Team Leadership:

- Led development teams of 6-8 members to complete two key projects, exceeding the KPI target by 120-140%.
- Successfully trained seven internship students into skilled employees for the company

**Scrum Master:** Successfully applied Scrum methodology to team operations, resulting in:

- A 75% reduction in overdue tasks after six months
- A 30% increase in team productivity within six months
- A 35% decrease in the number of bugs during the QA phase

##### Key Projects:

- Logistic microservice in an ERP that reduced average delivery time for orders by 25%, decreased wrong or missing delivery cases by 95%, and saved 50% of the time used by warehouse operators in assigning delivery employees.
- Finance reporting microservice in an ERP that generated finance reports 80% faster and reduced the time required for reconciliation by 40%.

**Technologies Used:** Microservices, CQRS pattern, Redis, Flask, Swagger, Ansible, Gitlab CI, MySQL, Unittest, UML

#### Remote Senior Software Engineer

**TIPEME HOLDINGS PTY LTD** [ 11/2016 – 04/2020 ]

City: Brisbane | Country: Australia

##### Software Development:

- Designed and developed over 50 APIs for TipeME, a social network application, enhancing user privacy and AR features, leading to a 30% increase in user engagement.
- Improved, maintained, and refactored 70 legacy APIs from previous developers, reducing system failures by 95% and enhancing API loading times by 100-400%

##### System Optimization:

- Improved system performance by 40% by optimizing database queries and refactoring code.
- Implementing caching and tuning SQL queries to ensure API p90 loading times remained under 100ms
- Applied a CDN for media resources and a solution for media compressing, improving in-app loading times by 70% and reducing user data usage by 40%.

**Technologies Used:** PHP, XMPP, Redis, Apache, PostgreSQL, socket.IO, AWS

## Tenical Leader

**Vietnam Unity App Studio Co. Ltd, Hanoi** [ 09/2014 – 09/2016 ]

City: Hanoi | Country: Vietnam

**Project Management:** Managed and delivered two key projects, Sembang Chat and Eyeprotec, ensuring successful execution and alignment with business objectives.

**Team Leadership:** Led and mentored development teams of 5-6 members, ensuring successful project delivery and effective collaboration.

**System Design:** Designed scalable and maintainable system architectures for Sembang Chat and Eyeprotec.

### Key Projects:

- Initiated the codebase and designed over 100 APIs for Sembang Chat, a Malaysian social network. Led a team of 5 developers to complete the project and achieved 100,000 active users within three months of launch.
- Led a team of 6 developers to complete Eyeprotec, an application that reports natural disasters, missing persons, personal emergencies, and terrorist activities. The project processed over 4,000 emergency reports per month and broadcasted around 1,000 natural disaster warnings to approximately 50,000 users per month.

**Technologies Used:** PHP, XMPP, Redis, Apache, MySQL, jQuery, socket.IO

## Software engineer

**Septeni Technology Co. Ltd** [ 07/2013 – 09/2014 ]

City: Hanoi | Country: Vietnam

**Advertising Platform:** Contributed to the PYXIS project, leading to a 25% increase in the effectiveness of Facebook ad campaigns and approximately 10% cost reduction for users

**Development Practices:** Successfully applied TDD (Test-Driven Development), reducing bug occurrences by 30%.

**Technologies Used:** PHP, Redis, Apache, MySQL, jQuery

## Web developer

**5land Technology JSC** [ 04/2012 – 07/2013 ]

City: Hanoi | Country: Vietnam

**Software Engineer:** Developed a comprehensive data crawling system that collected over 200,000 real estate trading records, improving the accuracy of the price prediction system to within a 15% margin of error.

**Web Development:** Built a user-friendly website for Real Estate trading that attracted 10,000 unique visitors within the first three months.

**Technologies Used:** PHP, Apache, MySQL, jQuery

## EDUCATION AND TRAINING

### BSc Computer Science

**VNU University of Engineering and Technology** [ 10/2008 – 08/2012 ]

City: Hanoi | Country: Vietnam | Website: <https://uet.vnu.edu.vn/en/> | Field(s) of study: Computer Science |

Thesis: Composition of models in Aspect Oriented Modeling

### MSc Computer Science for Digital Media

**Bauhaus University Weimar** [ 10/2021 – Current ]

City: Weimar | Country: Germany | Website: <https://www.uni-weimar.de> | Field(s) of study: Computer Science

## LANGUAGE SKILLS

Other language(s):

### English

LISTENING B2 READING C1 WRITING C1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

### German

LISTENING A1 READING A2 WRITING A2

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Digital Skills - Test Results

	Information and data literacy	ADVANCED	Level 6 / 6
	Communication and collaboration	ADVANCED	Level 6 / 6
	Safety	ADVANCED	Level 6 / 6
	Problem solving	ADVANCED	Level 6 / 6

Results from [self-assessment](#) based on [The Digital Competence Framework 2.1](#)