

# Nguyen Tho Duy

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Software engineer with 3 years of experience in web development using PHP, NodeJS, Go (backend), and NextJS (frontend), with strong knowledge of software principles. Passionate about learning new technologies, problem-solving, and teamwork. Experienced in mentoring and performing code reviews. Aiming to leverage my skills to drive innovation and contribute to impactful projects, I want to become a Solution Architect.



## WORK EXPERIENCE

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| <b>Software Engineer</b><br><b>1bitlab JSC</b> <ul style="list-style-type: none"><li>Take responsibility for developing and maintaining web applications.</li><li>Take responsibility for Software designs and Database design.</li><li>Participate in the deployment process to enhance workflow.</li><li>Communicate with clients to clarify requirements.</li><li>Develop tools that <b>reduce development times by 20%</b> on task management and also improve code quality of team.</li></ul> | <b>Apr 2024 - Present</b><br><b>Hanoi, Viet Nam</b>  |
| <b>Software Engineer</b><br><b>HBLab JSC</b> <ul style="list-style-type: none"><li>Developing web applications using PHP Laravel and NodeJS.</li><li>Mentoring and Code review team member</li><li>Enhance software quality by using both Unit Testing and manual testing.</li><li>Participate in basic design, detailed design development</li><li>Optimized the system through caching and query optimization, <b>reducing response time by 50%</b>.</li></ul>                                   | <b>Apr 2022 - Jan 2024</b><br><b>Hanoi, Viet Nam</b> |
| <b>Web Developer</b><br><b>Haposoft Co.,Ltd</b> <ul style="list-style-type: none"><li>Participated in Scrum teams, and developed APIs for web and mobile apps.</li><li>Contributed to two OKR periods as KR Owner.</li><li>Achieved <b>80% code coverage</b> through <b>Test-Driven Development (TDD)</b>, significantly improving code reliability and performance.</li></ul>   | <b>Jul 2021 - Apr 2022</b><br><b>Hanoi, Viet Nam</b> |

## EDUCATION

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| <b>Bachelor of Software Engineering</b><br>Hanoi University of Industry | <b>Aug 2018 - Aug 2022</b> |
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## PROJECTS

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| <b>CodeSensei</b> <br>Codesensei is an AI code review bot that enhances the development process using the OpenAI Platform. I used it for some pet projects also company projects. That improves the coding convention of teams by 20% and speeds up debugging.<br>Tech stacks: NestJS, OpenAI Platform, Redis, MQ, Docker, Github CI. | <b>Jun 2024 - Present</b> |
| <b>GitKanban tool</b> <br>An automation tool that enhances the software development process by auto-update task status and content to reduce time for task management.<br>Tech stacks: NodeJS, GitLab webhook, Backlog API, Redis, MQ. (more task management platforms upcoming)  | <b>Jan 2024 - Present</b> |

## SKILLS

- Programming Language:** PHP (Laravel, CI3), Javascript (ExpressJS, NestJs, AdonisJs, NextJS), Go
- Databases:** MySQL, PostgreSQL, MongoDB, Redis
- Software Development Tools:** Task Management: Jira, Backlog, Trello
- Softskills:** Time management, Business communication, teamwork (including mentoring and code reviews)