

Ngoc Hieu Nguyen

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1. Profile:

A software engineer with a passion for developing program as well as website and webapp. Confidence in IT specialized knowledge learned from University and by myself and soft skills such as: problem solving, team work, presentation... Excellence in work independently but want to experience the teamwork environment and contribute to big projects and common results.

2. Key skills:

2.1. IT skills:

- Having IT background knowledge and solid understanding in programming concepts and system design like use cases and CRUD technique.
- Ability to read and understand system design diagrams such as: UML diagram, class diagram, use case activity diagram, system sequence diagram (SSD) and data flow diagram.
- Programming language: C++, C#, JAVA , JAVASCRIPT.
- Solid understanding in object-oriented programming as well as design patterns such as: MVC, abstract factory, proxy, prototype, builder, singleton...
- Web development:
 - o Front-end: HTML, CSS, Bootstrap, Javascript, Reactjs.
 - o Full-stack: Nodejs, Asp.net.
 - o Database: SQL, non-SQL (mongodb, firebase).
- Control version: git.
- Project management method: PRINCE2.

2.2. Personal skills:

- Logical thinking.
- Problem solving.
- Time management.
- Team work.
- Work individually.
- Presentation.

3. Education:

2019 – 2021: University of South Australia (UniSA).
Major: ICT.
Degree: Bachelor of Information Technology.

2017 – 2018	The University of Queensland (UQ). Improving English at ICTE.
2013 – 2016	Ho Chi Minh University of Technology (HCMUT). Major: software engineering (ungraduated).

4. Work experiences:

January/2020 – Current:	Freelancer and joined some projects.
December/2020 – April /2021:	Kitchen hand at Imperial Room Restaurant (SA) (part time).

5. Joined projects/ Products:

5.1. Individual Project:

Camp Project

- Type: MVC website.
- Technologies: HTML, CSS, Bootstrap 5, JavaScript, Nodejs (express, passport...), mongodb, and cloudinary.
- Link website: <https://pure-atoll-66430.herokuapp.com/>
- Source code and information (readme.md): <https://github.com/ngochieua2/campProject>

Burger webapp

- Type: ASP webapp.
- Technologies: HTML, CSS, JavaScript, Reactjs, Redux , firebase.
- Link website: <https://burger-react-74915.web.app/>
- Source code and information (readme.md): <https://github.com/ngochieua2/burger-react>

SA ASP Project

- Type: ASP.net website.
- Technologies: HTML, CSS, JavaScript, JQuery, Ajax, SQL database, D3.
- Source code and information (readme.md): <https://github.com/ngochieua2/SaAspProject>

Dungeon Level Builder

- Type: software.
- Technologies: : C++, OPP, some design patterns like Singleton, Builder and Prototype.
- Source code and information (readme.md): <https://github.com/ngochieua2/DungeonBuilder>

5.2. Leadership Activities:

Smart Home System

- Type: software.
- Technologies: C++, OPP, some design patterns like Abstract Factory and Proxy.
- Source code and information (readme.md): <https://github.com/ngochieua2/smartHomeSystem>

5.3. Group Projects:

Space Station Blaster

- Type: mobile game.
- Technologies: Java, OOP, libGDX.
- Link trailer : <https://www.youtube.com/watch?v=haelAp4xzSw>
- Source code and more information (readme.md) : <https://github.com/ngochieua2/BlasterGame>

Language:

English with all skills: reading, writing, listening, speaking.

IELTS: 6.0.

Interests

- Listening to music.
- Reading.
- Playing Badminton.
- Jogging.
- Cooking.

Reference:

References available upon request.