DUY LONG NGUYEN

Software Developer

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SOCIAL

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PROFILE

I am a full-stack software developer with well-developed skills and experience in developing scalable web applications and working across to full-stack. I am a quick learner, self-motivated, well organized and pay attention to details. I have strong analytic skills and problem-solving skills. I am seeking job opportunities to apply full-stack development skills for business improvement and personal development.

EDUCATION

● **Bachelor of Computing**

The University of Sydney

02/2018 - 04/2021

SKILLS

- HTML, CSS, Javascript, Typescript
- Angular & AngularJS
- ReactJS
- Node.js, Express.js
- C#, .Net Frameworks
- Microsoft SQL Server
- MongoDB

MISCELLANEOUS SKILLS

- Data Structures
- Algorithm Design
- Test Automation, CI/CD
- Micro Frontend, Micro Services
- Agile Development
- Git
- JWT, End-to-end encryption
- AWS, Google Cloud Platform, Firebase

EXPERIENCE

● **Junior Software Developer**

From 09/2022 to current | Midwinter Financial Services - a Bravura company (Project: AdviceOS)

◎ Picked up new technologies quickly and participated in software design, technical articulation and delivery of security and scalability aspects for the project with high-quality and reliable code.

◎ Responded to bug reports and debug production issues across the entire platform.

◎ Technologies used: C#, WebAPI, SQL Server, Entity Framework, Angular, Typescript, Breeze.js, HTML, CSS and Typescript/Javascript, Web Services using REST and SOAP, and SQL.

● **Software Developer**

From 08/2021 to 09/2022 | Sinnott Bros Media (Projects: SBM APS, Bruce APS, PSC Tracker)

◎ Worked across on large and long-running projects. Exposed to multiple tech stacks: Angular/AngularJS, .Net, SQL Server/MongoDB.

◎ Developed strong skills for analysing requirements, designing solutions and modelling data.

◎ Developed robust and nearly bug-free code with appropriate sanity checking and error handling.

● **Intern Frontend Developer**

From 11/2020 to 02/2021 | SEED Soft by IC (Project: HAT)

◎ Created homepage for the website using Angular with Bootstrap.

◎ Performed bug fixes and code reviews.

◎ Ensured proper documentation and reports in all stages of product life cycles.

CERTIFICATES AND AWARDS

Problem Solving (Intermediate) Certificate (Issued Aug 2022) - Hacker Rank

It covers topics of Data Structures (such as HashMaps, Stacks and Queues) and Algorithms (such as Optimal Solutions).

Problem Solving (Basic) Certificate (Issued Jul 2022) - Hacker Rank

It covers basic topics of Data Structures (such as Arrays, Strings) and Algorithms (such as Sorting and Searching).

Runner-up in South Pacific Central Division ICPC contest (2018)

An annual multi-tiered competitive programming competition among the universities of state NSW.

6th Place in ICPC South Pacific Region Divisional Contest (2018)

An annual multi-tiered competitive programming competition among the universities of South Pacific Region.

3rd Prize in Vietnamese National Excellent Students Contest of Informatics (2015)

An annual competitive programming competition among top Vietnamese high school students.

Consolation Prize in Vietnamese National Excellent Students Contest of Informatics (2016)

An annual competitive programming competition among top Vietnamese high school students.

PERSONAL PROJECTS

SpagCode Library
From 10/2021 to Present

◎ Built and published reusable **TypeScript library** for utilities, crypto, front-end models, and custom Angular components. Used rollup.js for module bundling.

◎ Wrote unit tests using **Jest Framework**.

◎ Used GitLab CI/CD to catch bugs and errors early in the development cycle and to automatically build, test, deploy, and monitor the library.

TUPS
From 02/2021 to Present

◎ Built a fully up and running application for **a real business** located in Sydney, Australia.

◎ Used **Angular** for UI designing and **AG Grid** library for table designing.

◎ Used **Firebase** for hosting, authentication, storing NoSQL database, storage management and storing functions (serving backend codes).