Khanh **Nguyen Cong**

SOFTWARE ENGINEER

Unit 1/21 Elder street, Clarinda VIC 3169

☐ 0480 160 817 | ✉ khanhnc46@gmail.com | 🔗 khanh-nguyen-42376b151 | https://khanhnc.github.io/portfolio/

Summary

A new Graduate with a Computer Science and Engineering Degree with almost two years of work experience as a Full Stack Developer. Passionate about learning new technologies and seeking to gain more knowledge and experience in Software Development.

Technical skills

Programming Languages:	*(proficient)*: Typescript, Java, HTML/CSS *(familiar):* JavasSript, C, Python.
Technologies and frameworks	*(proficient)*: Angular, Bootstrap, Angular Material *(familiar)*: SASS/LESS, Node.js, ReactJs, *(basic):* Flux, Maven and Gradle
Testing Frameworks	*(familiar):* Unit testing, E2E testing
Databases	*(familiar):* PostgresSQL, Neo4j
Version Control System	Git
Languages (spoken and written)	English, German and Vietnamese

Education

Technical University of Dresden   *Dresden, Germany*

B.S. IN COMPUTER SCIENCE AND ENGINEERING   *Oct.2014 - July 2019*

- **Programming Coursework:** Algorithms and Data Structures, Programming, Software Technology, Software Technology Project, Computer Graphics, Introduction to Media Computer Science
- **Electives for Computer Science:** Database, Big Data Plattforms, Data Integration and Analysis, User Interface Engineering, Information Retrieval
- **Thesis:** Featurization of SQL-Queries for optimization of JOIN-Queries using Deep Learning

Experience

ATNS GmbH   *Dresden, Germany*

FULL STACK DEVELOPER   *Sep. 2017 - Oct.2019*

- Developed front-end and back-end for web applications using Angular 2+, Typescript, Javascript, Java and Spring Framework.
- Migrated AngularJS applications to latest Angular.
- Redesigned application interfaces by using Material Design, Bootstrap Design.
- Implemented new features for existing projects.
- Designed Responsive Webs and tested them across multiple devices, browsers.
- Designed RESTful backend server with Spring Boot.
- Created JPA repositories using Spring Data JPA.
- Created Automation E2E Testing for Angular Applications using Protractor and Jasmine.
- **Gained knowledge:** in Angular 2+, TypeScript, JavaScript, HTML5/CSS3, Java, Npm, Maven, Gradle, Authorization using Spring Security, Authentication And Authorization in Angular, HTTP Request ⊠Response, Json Web Token, Error Handling, Application Testing, using IntelliJ IDEA and SQL.

TU-Dresden   *Dresden, Germany*

INTERNSHIP SOFTWARE ENGINEER   *Oct. 2016 - Exp. Feb. 2017*

- Developed a Festival Management application using Spring MVC, Thmymeleaf and Bootstrap that allows users to create and management festivals, employees and finance.
- Worked in a small team with 5 members and followed Scrum methodology process.
- Built Restful API and created Spring Data JPA Repositories.
- Implemented testing plans for the application Unit Testing.
- Modelled and documented the project using Unified Modeling Language (UML).
- **Gained knowledge:** in Git, Linux, MVC architecture, programmed in Java, Object-oriented programming, worked with Spring MVC, software modeling with UML and writing test plans for Java applications.

Personal Projects

Personal website

- A React Web App using Material UI Design.
- https://khanhnc.github.io/portfolio/ (for additional information and projects).

Dresden Event Calendar

- Link: https://wwwpub.zih.tu-dresden.de/ s9664175/emi/.
- Developed a website using that allows users to look and search for interesting events.
- **Utilized:** HTML/CSS, jQuery, JavaScript, JSON data types.

VISA Status/Working Rights

Student Visa with no restrictions (subclass 500 - Postgraduate Research Sector)