

Tuan Nguyen

tuannng2210@gmail.com | (757) 230 4769 | github.com/tuannng2210 | Norfolk, VA

PROFESSIONAL SUMMARY

Experienced software developer with a proven track record in full-stack development, cloud platforms, and enterprise technologies. Adept at designing and implementing scalable software solutions in dynamic environments.

PROJECTS

Latrunculi Board Game

- Developed a 2-player board game in C++ demonstrating mastery of abstract data types and structured programming.

Login Page

- Created a visually appealing static website using HTML and CSS with a modern gradient theme.

Project Website – LowCalChow

- Built a product website for a senior project using HTML, CSS, and JavaScript.

E-Certify Project

- Developed a user-friendly UI application to manage and monitor Pilot/Prod deployment releases and defects during CEH testing.
- Utilized React, HTML/CSS, and Typescript for the front end; Node.js, Express.js, and MongoDB for the backend.

LowCalChow Application

- Created a dual-interface application with React Native (TSX) for the frontend and Django/Python for the backend, allowing restaurants to manage menu items and

providing personalized meal recommendations with real-time data.

Interpolation Calculator

- Developed a Python program to process raw temperature data by performing piecewise linear interpolation and least square approximation.

EXPERIENCE

ADP

Application Developer (August 2024 – Present)

- Developed scalable software solutions using Spring, MySQL, and Azure, enhancing performance and reliability.
- Integrated enterprise tools such as Microsoft Exchange Online and Proofpoint to strengthen security and communications.
- Collaborated in an agile environment to improve application development workflows and system integrations.

Automated Data Processing Inc – Norfolk, VA

Application Developer Intern (June 2023 – August 2023)

- Created an E-Certify Deployment Tracking Application with React, HTML/CSS, and Typescript for the front end, and Node.js with Express.js for the backend.
- Employed MongoDB for secure and scalable data storage.
- Enhanced user experience by integrating authentication mechanisms and real-time data insights.

SKILLS

- **Programming Languages:** C++, Java, JavaScript, Typescript, Python, HTML/CSS

- **Frameworks & Tools:** React.js, React Native, Node.js, Express.js, Django, Spring, Gradle
 - **Databases & Cloud:** MongoDB, MySQL, Azure
 - **Enterprise Tools:** Microsoft Exchange Online, Proofpoint
 - **Other:** Linux, Git
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INTERESTS

- Learning new programming languages and mathematical concepts