

DAVID HUYNH

admin@davidhuynh.tech | Westminster, CA | (978) - 221 -1929

davidhuynh.tech

TECHNICAL SKILLS

- **Web Development:** Angular, Spring framework, Spring Boot, HTML5, CSS3, SCSS, RxJs, Flutter
- **UI Frameworks:** Bootstrap, ngMaterial, Clarity, Servlet(JSP), Thymeleaf, Flutter
- **Programming Languages:** JavaScript (ES5, ES6), TypeScript, Java (8), Dart, Python
- **Design Tool:** Figma, Adobe Suite (Photoshop, Illustrator, Indesign), MS visio, draw.io
- **Testing:** Karma and Jasmine
- **Databases:** MySQL, MS SharePoint, Firebase
- **Development methodologies:** Agile/Scrum, SDLC
- **Project management tools:** JIRA, Trello
- **API Tool:** Postman, Mockoon
- **Version Control:** Git, Github
- **Operating System:** Windows, Mac, Linux
- **Language:** Proficient in English, Fluency in Vietnamese

WORK EXPERIENCE

- Angular Developer/Tester (contract) - Mercury Systems, Inc.** - Princeton, NJ Mar 2022 - Jan 2023
- Successfully completed Angular training program and utilized newly acquired skills to design and develop a responsive and scalable ecommerce website for a client.
 - Collaborated with client stakeholders to identify and understand their business requirements, and designed a custom solution that integrated seamlessly with their existing systems and processes.
- Product Development Engineer Co-op - Entegris, Inc.** - Billerica, MA Jan 2020 - Mar 2022
- Developed a *Sample Request Database* using MS PowerApps for efficient customer order tracking, and an *Equipment Signup App* for streamlined lab equipment management.
 - Collaborated with team members to identify pain points, gathered stakeholder requirements, and devised solutions to meet business needs.

OTHER WORK EXPERIENCE

- Digital Dental Technician - Ztech Dental Studio** - Garden Grove, CA Apr 2023 - Present
- Manufacturing Technician - Scott Electronics, Inc.** - Salem, NH Aug 2015 - Dec 2018
- Program coordinator - Mobile Dentistry** - Boston, MA Jan 2016 - Aug 2018

WORK PROJECTS

- Ecommerce Site** (Angular, Angular material) Sep 2022
- Empowered clients to easily query and sort monthly statements with data-binding and data-filter features, enhancing user experience in Single Page Applications through the use of routing, directives, and templates.
 - Developed dynamic client-side elements with hide, show, and event binding functionality, implementing AJAX calls for JSON responses, and ensured secure access with the creation of router guard services for protected routes.
 - Implemented robust unit testing using Karma and Jasmine, ensuring the reliability and functionality of components and services through a comprehensive suite of test cases
- Equipment Signup App** (MS PowerApps, MS Flow, MS SharePoint) Sep 2020
- Developed an app to manage lab equipment availability, integrating with Outlook365's calendar for streamlined scheduling.
 - Designed UI & UX on draw.io and database on MS SharePoint.
 - Created comprehensive instructions and a quick guide for user support.
- Sample Request Database** (MS PowerApps, MS Flow, MS SharePoint) Jun 2020
- Analyzed VBA file to design UI and workflow, utilizing MS Automate for email approvals and notifications in a role-based system.
 - Created MS SharePoint, initial access permission of user base on role, create data structure to fit the need of project
 - Create Power BI to generate live report
 - Maintained comprehensive documentation, including function lists, update logs, instructions, and UX workflow.

SELF PROGRAMING PROJECTS

Todo List Mobile App (https://github.com/vamplrea/todo_list) August 2023

- Designed and developed a Flutter todo app with three screens: HomeScreen, AddScreen, and CompleteScreen, enhancing task management for users.

- Utilized Flutter's StateNotifierProvider to create a well-structured state management system, enabling the implementation of essential features like adding, deleting, and marking tasks as complete.

User Management System (<https://github.com/vamplrea/UserBackEndProject>) Mar 2023

- Developed a user management system using Spring Boot, Spring Security, PasswordEncoder, H2 and JPA.

Weather App (<https://github.com/vamplrea/weather-app> & <https://weather-app-a1481.web.app>) Nov 2022

- Used the Angular Materia, built-in HTTP client of the Angular framework to communicate with the OpenWeather API.

- Interacted with the service worker to enable it to work offline and provide notifications for updates.

- Deployed a production on Firebase. Also, it can be installed locally on devices.

Issue Tracker (<https://github.com/vamplrea/issue-tracker> & <https://issue-tracking-system-9df7d.web.app>) Oct 2022

- Developed an Angular-based issue tracking application with reactive forms and Clarity Design System, featuring a data grid for pending issues display, intuitive form validations, and efficient issue resolution via modal dialogs.

Color Finder for Cozmo Robot (https://github.com/vamplrea/color_cube_detection) Dec 2018

- Used Python, OpenCV to build a program to detect color of the cubes from Cozmo Robot's camera.

Interaction of Facebook Posts and Google Map (<https://github.com/vamplrea/locate-my-Facebook-s-posts>)

- Built an interactive web app using HTML, CSS, JavaScript, and jQuery that integrates with Facebook and Google APIs. The app scans Facebook posts with location data and displays them on a Google map.

Motorcycle Permit Test Simulator (<https://Quiz-Intro.vamplrea.repl.co>) Dec 2017

- Used HTML, CSS, JavaScript, jQuery to build an interactive quiz app

EDUCATION

University of Massachusetts Lowell - Lowell, MA Dec 2020

Bachelor of Science in Computer Science

Middlesex Community College - Bedford, MA May 2019

Associate of Science in Computer, Software and Networking Technology

INTEREST

Badminton

- Third place in MenDouble Kalayaan Cup 2023
- Third Place in Division 2 at the Northeast Collegiate Tournament 2017
- First place in UML intramurals 2016

Snowboarding

Hiking

Kayak

Soccer

Classical Guitar (finger-style)