Ilker Hadzhalaran

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ilker-h.com | github.com/ilker-h | linkedin.com/in/ilkerhadzhalaran

Skills

Languages

C++, C#, Python, JavaScript, TypeScript, PHP, HTML, CSS, VB.NET, MongoDB, MySQL

Libraries, Frameworks, Etc.

Angular, Angular Material, NodeJS, Jasmine/Karma, WPF, ExpressJS, Mongoose, Firebase, Unity Game Engine, Bootstrap

Tools

Visual Studio, NPM, VirtualBox, Git, GitHub, Atlassian Suite, JetBrains TeamCity, IBM uDeploy

Artificial Intelligence & Machine Learning

TensorFlow, Keras, NumPy, pandas, scikit-learn, Matplotlib, Conda, Anaconda Navigator, Jupyter Notebook, MATLAB

Capstone: Virtual Reality Tour

learning-factory-vr-tour.firebaseapp.com

Experience

Software Developer (Current, Full-time) • Citigroup

Jul, 2021 – Present | Mississauga, ON

- Working on web development in Angular (TS, HTML, CSS) and desktop software development in WPF (C#, XAML).
- Writing tests in Jasmine/Karma, deploying builds with TeamCity and IBM uDeploy, and interacting with data using MongoDB.
- Created Angular portal to streamline process of updating user permissions. Previously, developers had to manually change permissions, whereas now, business users can do it through a GUI.
- Updating large enterprise codebase's legacy code to latest standards.

Software Developer (4 Month Internship, Full-time) • McMaster Manufacturing Research Institute

May – Aug, 2020 | Hamilton, ON | See result at: vimeo.com/450177340

- Created data visualization, analytics, and test software for FANUC manufacturing machines in a Windows environment.
- Developed with MongoDB, ExpressJS, Angular, NodeJS (MEAN stack), FANUC's MT-Linki API, and third-party libraries.
- Designed app architecture, used Atlassian Suite workflows, and performed DevOps duties, including managing deployments.

Co-founder & Dev (8 Months, Full-time) • Advanced Particle Tech.

Jan – Aug, 2019 | Waterloo, ON

- Worked on developing a web app for helping users manage different versions of their 3D model files. Used MongoDB, ExpressJS, Angular, NodeJS (MEAN stack) in a Linux environment.
- Worked with third-party libraries to create features (e.g. PDF viewer).
- Contributed to various types of documentation (e.g. UMLs, SRS).

Education

McMaster University
Bachelor of Technology in Automation Engineering (Co-op)
Graduated Dec, 2020 | Hamilton, ON

Other Skills

Linux & Windows Environments
RESTful API Architecture
CAD Software
Creating WordPress Websites

Personal Projects (More On GitHub)

QuickPass Password Manager | *quickpass-4ed21.firebaseapp.com*

- Designed and developed fully responsive Angular-Firebase web app.

Hackathon: Portfolio Manager App | *vimeo.com/593492344*

- Angular-Springboot app that helps a user manage their financial portfolio, with real-time API data.

Coral Catastrophe Unity Game | *vimeo.com/381808251*

- Player is a fish that wants to avoid swimming into oncoming coral.

Video walkthroughs of 13 projects: vimeo.com/user106944866