Dilen Govin

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Summary

Passionate software engineer with 5+ years of experience seeking my next role engineering reliable, scalable software to specific business needs. Skilled in Python, C#, and JavaScript; additionally, competent in .NET and Angular development, relational database management, CI/CD, cloud platform development, and automation scripting.

Experience

Career Break — Jan 2023 - Present
Volunteering/Learning — *Phoenix, AZ*
- Learning new skills in web dev and Unity game design, volunteer within the community, and travel internationally to reset myself
- Completed 150+ hours of Angular development courses across Udemy and Coursera
- Volunteered as a mentor for New Pathways for Youth helping Phoenix kids create life goals

Software Engineer — Jun 2020 – Dec 2022
Honeywell International — *Phoenix, AZ*
- Designed and deployed 50+ user requested features and functionalities to the internal CORP IT cloud computing web platform over the course of my tenure
- Redesigned the team's transition coordination web app reducing overall time to completion by 35%
- Refactored custom JavaScript libraries reducing runtime by 5%
- Developed custom workflows to automate critical executive operations
- Built a Flask web app to schedule monthly patching leading to the removal of over 100,000 vulnerabilities increasing platform security by 25%
- Refactored internal software libraries to include new API integrations
- Created a JavaScript Library for reporting tech debt across all IT assets
- Migrated various high visibility CMDBs to better meet Honeywell's data standards
- Formatted ML friendly datasets for ServiceNow Predictive Intelligence model training

Software Engineer — Aug 2018 – May 2020
University of Arizona — *Tucson, AZ*
- Implemented faculty requested features for eSMS (Eller Student Management System) web platform using .NET, Bootstrap, and Azure
- Maintained a suit of unit test using xUnit to cover 75% of the codebase
- Resolved critical bugs and issues, ensuring end user satisfaction and smooth application operation

Software Engineer (Intern) — May 2019 - Aug 2019
Honeywell International — *Tempe, AZ*
- Engineered multiple machine learning models for the classification of IT Help Desk tickets

Software Engineer (Intern) — May 2018 - Aug 2018
State Farm Insurance — *Bloomington, IL*

Projects

dilengovin.com | *Python, Flask, Git* — May 2020 – Present
- Personal portfolio website to host resume and projects built using Flask and Python
- Hosted with continuous integration and deployment on Heroku and Git

HardWare-C (HWC) | *Python, C, Git, Tkinter* — May 2019 – May 2020
- Collaborated with a team of graduate students and faculty on the design of Hardware-C, a C language based hardware specification language for teaching clocked logic for my Capstone Thesis
- Developed a Python GUI for simulating compiled HWC code into a visual circuit representation
- Fully flushed out the HWC compiler, allowing complex logic sequences to compile

Technical Skills

Languages/Frameworks: Java, Python, SQL, JavaScript, TypeScript, Angular, React, C#, .NET, Node
Technologies: Git, Docker, ServiceNow, Heroku, CRM platforms, Salesforce, Jira, Office 365
Libraries: pandas, NumPy, xUnit, TKinter, Flask

Education

University of Arizona — May 2020
BS Computer Science — *Tucson, AZ*