Cole Blunt

◉ Grand Rapids, MI, US ✉ coleblunt.dev@gmail.com ▯ (616) 551-9766 ▥ https://www.linkedin.com/in/coleblunt/ ☁ https://bluntcole.github.io/

EXPERIENCE

Application developer
United Wholesale Mortgage   **May 2022 - August 2022, US, MI, Pontiac**
· Deployed code to production (C#, HTML, and .NET), including modifying verbiage and establishing front-end to database connections.
· Utilized Azure Cloud and leveraged Azure resources to develop and deploy a chat Bot, which was successfully hosted on a web app.
· Configured and administered a SQL instance server using RedH, ensuring smooth operation and overseeing its performance.
· Orchestrated workflow using Git and Bitbucket, diligently monitoring builds and resolving any build errors before progressing.
· Accomplished 2 to 3 user stories per week, addressing both front-end and back-end requirements as assigned via Jira.
· Conducted 1 to 5 coding reviews and pull requests weekly, actively participating in the collaborative review process to enhance the team's focus.

Application developer
United Wholesale Mortgage   **May 2022 - August 2022, US, MI, Pontiac**
· Deployed code to production (C#, HTML, and .NET), including modifying verbiage and establishing front-end to database connections.
· Utilized Azure Cloud and leveraged Azure resources to develop and deploy a chat Bot, which was successfully hosted on a web app.
· Configured and administered a SQL instance server using RedHat, ensuring smooth operation and overseeing its performance.
· Orchestrated workflow using Git and Bitbucket, diligently monitoring builds and resolving any build errors before progressing.
· Accomplished 2 to 3 user stories per week, addressing both front-end and back-end requirements as assigned via Jira.
· Conducted 1 to 5 coding reviews and pull requests weekly, actively participating in the collaborative review process to enhance the team's focus.

Trailer Loader
UPS   **October 2019 - September 2021, US, MI, Wyoming**
· Operated in a fast-paced environment, ensuring precise loading of packages into their designated trailers.
· Memorized numerous zip codes, guaranteeing accurate package allocation to their intended destinations and establishing myself as a dependable worker.
· Read and efficiently loaded over 2000 packages, consistently exceeding schedule requirements.

PROJECTS

Chat Bot
United Wholesale Mortgage · May 2022 - August 2023
· Developed a chatbot for Underwriters utilizing a bot framework, enabling the creation of checklist trees and integrating a language-learning model.
· Deployed and hosted the bot on Azure cloud as a web server, establishing connectivity to a database for seamless functionality.
· Executed the project as a test initiative at United Wholesale Mortgage, primarily aimed at fostering learning and knowledge acquisition.

PolyBoard
March 2023 -April 2023
· Undertook a Hobby Project to develop a Snowboard Game in Unity, aiming to create a realistic snowboarding experience to the best of my abilities.
· Utilized C# to write scripts, including a player controller that accurately simulated snowboarding physics, enabling the player to navigate and ride in adherence to the rules of the sport.
· Developed a pathfinding script to orchestrate the game flow, allowing the player to reach the bottom and be picked up by a helicopter that transported them back to the top.
· Created and animated the character using Blender, employing low-polygon modeling techniques for optimization purposes.

BitRibbon POC
Grand Valley State University · September 2022 - December 2022
· Developed a Proof of Concept app that introduced a novel concept of assigning value to NFTs based on social interaction, showcasing the potential of a platform that connects users through their preferred NFTs.
· Leveraged JavaScript to create Azure functions, facilitating seamless communication between the front end and Cosmos DB.
· Utilized Flutter Flow to rapidly develop a responsive and customizable front end, incorporating custom widgets tailored to the API we developed.
· Generated professional documents and presentations, effectively showcasing the team's progress, improvements, and workflow to clients.
· Received high praise from the client, acknowledging the impressive work of a three-man team in a short timeframe, resulting in the successful delivery of a front-end mobile app integrated with a functional API.

EDUCATION

Bachelors in Computer Science
Grand Valley State University · Allendale, MI · 2023

SKILLS

Computer Graphics: WebGL, HTML, CSS, and ThreeJS.
Object Oriented: Java, JavaScript, C#, and Python.
Embedded Systems and programs: UNIX, C, and MIPs.
database and data mining: SQL, NOSQL, and pandas.
Game Development: Unity and Blender.
Git: Github, bitbucket, and Terminal.
Professional Responsibilities.