

Joshua E. Richardson

Fullstack Developer

210.218.4893 | <https://github.com/joshuaERichardson> | <https://joshuaerichardson.herokuapp.com>

joshuarichardson1478@gmail.com | <https://www.linkedin.com/in/joshuarichardson1478/>

Skills

Languages:	Java, Python, JavaScript, C#, HTML, CSS, Pug
Libraries:	JQuery, AJAX, ChatBot, 3JS, JUnit, Mocha
Frameworks:	Spring, Angular, Django, .NET Core, Express, Flask, React
Environments:	.Net, Node, Python Virtual Env
DataBases:	MySQL, MySQLite, MongoDB, Mongoose
Servers:	Amazon Web Services(AWS), Heroku
Tools:	IntelliJ, Git, VS Code, Sublime Text, Linux, Bootstrap, BCRYPT, Session, OAuth

Projects

Portfolio: Personal Site



- <https://joshuaerichardson.herokuapp.com/>
- Show cases a glimpse into my life, and an interactive journey through my portfolio.
- Uses Express with multiple dependencies to deliver a light framework.
- Portfolio walk through written with Three.js tools to enhance human computer interaction.
- Uses modern design philosophies such as neumorphism and paginating carousels to attract user attention.

Scheduled Motivation



- <https://scheduled-motivation.herokuapp.com/>
- https://github.com/tlg-23-02-sde-1/scheduled_motivation
- Website that allows user to sign in with Auth0 that allows users to automate their morning, afternoon, or evening YouTube consumptions. For example, a user will only have to press one button to access their morning workouts or their evening yoga wind down routine.
- A “mobile driven development” program written in JavaScript, CSS, Pug, and Mongoose
- Uses Node.js, Express, BootstrapMD, and the YouTube API.

Fishekai



- <https://github.com/JoshuaERichardson/Fishekai>
- <https://youtu.be/5dUaj1K7BCc>
- A 2D pixel game allowing a player to explore an island, maintain healthy stats, and search for parts to build a fishing rod.
- Written in Java v11 and JSON, while using Swing, Grafx2, GIMP, and Tiled. Was part of a team of two that used Azure DevOps with customer feedback and user stories within an Agile development environment.
- Game engine written from ground up and testing completed with Junit5.

Vacations Wish List



- <https://vacations-wish-list.herokuapp.com/>
- <https://github.com/JoshuaERichardson/vacations-wish-list>
- Full CRUD website focused on APIs by using Auth0 for authorized sign ins, MongoDB for user persistence, and Unsplash API to assign an appropriate picture to the user’s input.
- Uses Node.js, Express, PUG, CSS, Bootstrap, and Mongoose for MongoDB.

Pomodoro: Work Flow Enhancement tool

- <https://pomodoropanda.herokuapp.com/>



- <https://github.com/JoshuaERichardson/pomodoro>
- Built in collaboration with three other developers with Agile methodology assisted with Jira platform technology.
- Resourced with multiple API's for an enhanced UX .
- Using Python with Django framework, enhanced with single page application asynchronistic approaches to save on server costs.
- Solves the problem of user “distractions” by separating work and relax intervals while allowing the user to watch preferred videos during their break, and choosing environment enhancing music during their work sprint.

Ares: Chatbot

- <https://github.com/JoshuaERichardson/ares>
- Machine learning application to detect natural conversation flow.
- Utilizes ChatBot plugin to assist in machine learning.
- Built using Django framework in a virtual environment to work seamlessly with Python.
- Written in Python to take full advantage of Chatbot's capabilities.
- Sleek UI built through BootStrap, CSS, HTML, and JavaScript with AJAX and JQuery to deliver a realistic experience assisted by multiple API's.
- Built in collaboration using Git as a three person developer team.

Ruff N' Snuggle: Pet Adoption Website

- <https://github.com/JoshuaERichardson/Python-Project-Animal-Shelter>
- Created inside of Django framework and written in Python.
- Utilizes MySQLite for databasing.
- Uses gamification with AJAX/JQuery and CSS @keyframes to match a user with a preferred pet.
- Allows users to Log in and Register, Using BCrypt for security, and Session for validation.
- Built in collaboration using Git as a three person developer team.

Let's Eat: Restaurant Reviews

- <https://github.com/JoshuaERichardson/Rate-My-Cakes>
- Utilizes MEAN (MongoDB, Express, Angular, Node) full stack as the framework for the project.
- Postman employed to test routes and JSON data.

Experience

Software Development Engineer Pre-Apprentice, TLG Learning:

February 2023 – March 2023

Java Back End Development. Working with Java, JavaScript, HTML, CSS, and Python in an instructor-led environment, culminating in a 4-week capstone

United States Reserves 7450th Hospital IT Lead Supervisor:

June 2019 - Present

In charge of the network, user accounts, and technological readiness of a battalion level Medical Operations Readiness Unit for approximately 400 Soldiers spread over four states. Recently recognized and awarded by the Surgeon General of the Army for architecting the IT Communications lane for a world wide military competition.

United States Active Army Nutrition Care Supervisor/Technician:

August 2011 - June 2019

Led 100 employees at Madigan Army Medical Center for meeting the nutritional needs of admitted patients. Supervised 12 personnel on inpatient dietary screenings and was invited to be a key note speaker at a military dietitian symposium. Deployed as the only “Wellness Team” that was published on findings of correlations between Soldier deployments and health.

Education

Arizona State
Software Engineering

December 2019 – May 2024

Coding Dojo
Python, C#, and Mean Stacks

June 2019 - Oct 2019