ARAN BARZANJI

ABOUT

Full stack developer with DevOps responsibilities exhibiting excellent communication, critical thinking, and positive "can do" attitude. In my current role I am involved throughout the entire process of developing an application – from building/collecting requirements with the customer, to programming the application, to deployment and maintenance.

EXPERIENCE

SOFTWARE DEVELOPMENT ANALYST 2
Huntington Ingalls Industries, Newport News, VA
Sep 2019 - Present

- Responsible for developing and maintaining multiple .NET applications. Team lead, head developer on C# application. Involved from the initial launch stages, including customer meetings, to after production launch support and continual development efforts.
- Helping to incorporate best practices by incorporating more DevOps principles into our development environments and encouraging the use of cloud services such as Microsoft Azure and its features.
- Conducting merge requests/code reviews as team lead and setting up branch policies to develop merging processes/standards to facilitate auto-merging and CI/CD.
- Participation in daily stand-up meetings to coordinate Agile development efforts with the team.
- Development of Windows Batch scripts, and PowerShell scripts to automate repetitive tasks, saving hundreds of man-hours per year.

RECENT PERSONAL PROJECTS

- Decentralized DMV web app [Github]
    - All information is stored on a blockchain (Ganache) without the need for a database. It allows users to store user account information, register vehicles for a certain number of years, and mark vehicles as sold. Certain transactions have a cost associated with them to execute; the user is able to use the funds that they deposited from MetaMask accounts to execute transactions.
- Fake News Analyzer web app [Github]
    - Includes a search engine which allows users to search for fake news articles that are indexed using Kibana/Elasticsearch. It can display matching fake news articles on one side of the split panel, and up to 10 corresponding scientific research papers that may refute the fake news article on the other side. Other features: User accounts, RESTful API, 2 factor auth, XSS prevention.

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EDUCATION

OLD DOMINION UNIVERSITY
GPA: 3.88
Norfolk, VA
Master of Science (M.S.)
Computer Science
(Expected graduation Dec 2022).

OLD DOMINION UNIVERSITY
GPA: 3.8
Norfolk, VA
Bachelor of Science (B.S.)
Computer Science (May 2019).

COLLEGE OF WILLIAM & MARY
Williamsburg, VA
Bachelor of Science (B.S.)
Neuroscience (May 2013).

AWARDS

Newport News Shipbuilding
- 2020 Excellence in Action Award
- 2020 Spot Award
- 2020 Timely Awards Plan Award

PUBLICATIONS

Materials Science Publications
- *12 April 2017 | bit.ly/3AtihMp*
- *5 January 2017| bit.ly/3lrPtNU*

MISC

Proficient in .NET development, C#, relational databases/SQL, Elasticsearch, Kibana, Web3, Ganache, PHP, JSON, HTML, CSS, Web Scraping, Bash Scripts, Docker, JS, LAMP/WAMP stacks, CI/CD using Gitlab (YAML), automated unit tests, Git.

US Citizen, Fluent in Kurdish & English.