

NEIL K. MENON

Frontend Developer • Backend Developer • API Developer

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EDUCATION

University of Virginia

Bachelor of Arts, Computer Science

- 3.91 Cumulative GPA

December 2021

Charlottesville, VA

George Mason High School

International Baccalaureate Diploma

- 4.32 Cumulative GPA

June 2018

Falls Church, VA

PROFESSIONAL EXPERIENCE

Software Engineer • Octo

May 2021 - Present

Client: Occupational Safety and Health Administration (OSHA)

Reston, VA

- Supporting Octo's oldest client, OSHA, in the development of OIS, a web-based case management application used by over 3,000 Federal workers at local, state, and national levels
- Participating in fast-paced development sprints and taking over others' tasks to meet deadlines
- Responsible for building over 50% of the new Whistleblower module frontend within OIS
- Showcasing contract-critical progress on the Whistleblower module directly to the client
- Building a responsive UI using HTML, CSS, Bootstrap, TypeScript, Angular, and Node.js
- Implementing Angular Router, Redux, and complex user ACLs to enable seamless navigation, maintain app state between pages, and ensure users have proper access based on their role
- Working with backend developers to integrate APIs with tools such as Swagger and Spring Boot
- Communicating with BAs and QAs to correctly implement user stories and resolve defects
- Conducting code reviews for all functionalities and managing branch merges and pull requests

QA + Reports Intern • Octo

Summer 2019, Summer/Fall 2020

Client: Occupational Safety and Health Administration (OSHA)

Reston, VA

- Worked on a fast-paced Agile SCRUM team utilizing JIRA and Confluence
- Supported the OIS Application team in testing new modules of the OIS 2.0 application
- Assisted the Reports team in the development of OSHA's data and statistical reports
- Worked directly with developers, BAs and other QA members to resolve issues

SKILLS & PROJECTS

- ❖ **Languages/Frameworks** — Angular, Python, Flask, HTML/CSS/JS, jQuery, Java, React
- ❖ **Technical Skills** — API development, Linux (CentOS, Ubuntu), Apache/NGINX, MariaDB

Last.fm with Friends • Angular + Python/Flask + MariaDB + NGINX

[Website](#) | [Github](#)

- Last.fm with Friends gives stats and visualizations for a group's music listening habits
- Designed, developed and deployed entire stack from scratch, including internal API
- Uses the Last.fm API to transform individual stats into a group context

Website & Coding Blog • Jekyll + PHP + NGINX

[Website](#) | [Blog](#)

- Custom built website and Jekyll-powered coding blog running on a CentOS instance