

John Lingenfelter

Software Engineer
[johnlingenfelter.com](mailto:johnlingenfelter@gmail.com)



CONTACT



804-815-8358



johnlingenfelter@gmail.com



Richmond, VA

EDUCATION

2014-2017 Virginia Tech (ND)

SKILLS

- React
- .NET
- Svelte
- C#
- Python
- Typescript
- Javascript
- Node.js
- Webpack
- Module Federation
- Microservices
- Angular
- Jest
- Agile
- Git
- CI/CD
- Azure
- AWS

PROFILE

Full-stack engineer with expertise in end-to-end product development. Able to work with stakeholders to define project scope, build reliable front and back-end solutions, and manage cloud deployments. Experienced with frameworks like React, .NET, and Svelte. Proficient in languages including TypeScript, JavaScript, C# and Python.

Has held additional roles in systems operations and education; and contributed to a number of research projects, co-authoring papers on topics such as solar energy production and water scarcity.

PROFESSIONAL EXPERIENCE

Software Engineer
UNOS | Richmond, VA | Feb 2023 - Current

Worked to provide continuous improvements to the Organ Transport Network, while creating readable, well-tested code and spearheading modernization efforts.

- Managed end-to-end development of a system that links researchers with hospitals and organ procurement centers, streamlining research access and partnerships.
- Led feature development for the flagship company portal by implementing a microservices architecture with module federation that built a foundation for a scalable product catalog.
- Modernized legacy VB/.NET applications to leverage new technologies.

Software Engineer - Freelance
Tantung LTD | London, UK | Jun 2022 - Jan 2023

Software Engineer
Virginia Tech | Blacksburg, VA | Apr 2020 - Jun 2022

- Worked within an Agile software development team to design and produce cloud-backed multi-page user-facing web applications with greater than 20,000 active users.
- Utilized tools such as React, NodeJS, Express, Jest, Tailwind CSS, Material UI, React Admin, and AWS services such as Lambda, S3, Data tables.

IT Specialist I
Virginia Tech | Blacksburg, VA | Nov 2019 - Apr 2020

Lab Tech
CCWW | Christiansburg, VA | Sept 2018 - Nov 2019

Programming Instructor
ID Tech | Williamsburg, VA | Jun 2015 - Aug 2017

- Instructed students in the fundamentals of computer programming, code structuring and problem solving skills.

Research Intern
NASA | Langley, VA | Jun 2013 - Aug 2014

- Performed geospatial research. Wrote python scripts to migrate satellite data to GIS maps. Co-authored paper: "Deriving Solar Energy Production Suitability for the Mid-Atlantic Region"