

William Schutte

Full Stack Software Engineer
React, Javascript, Django, Python

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Atlanta, GA

Experience

Full Stack Software Engineer *Cove Tool (hybrid)* Jan. 2022 – Present

- Developed features and services for a fast-paced, high code-velocity, mid-sized startup in the climate tech and architecture sector primarily using React and Django, as well as OpenStudio's Ruby API.
- Accelerated launch of Load Modeling v2 within the first 3 months of work, resulting in \$1M first quarter sales and 2023 AHR Expo Innovation Award in Software.
- Managed a small team of developers, teaching React and Django fundamentals to interns, balancing workloads between members to deliver a new full-stack ventilation calculation feature as scheduled.
- Took lead role engineering an entirely new application; planned user workflow, system architecture, endpoints, and database tables before coding the entire React/TypeScript app, integrating the work of the backend engineers. Provided the most organized and fastest turnaround of a new tool for Cove Tool.
- Improved Research-Dev feature handoff by becoming more involved in cross department communication, pre-planning, UI/UX design, and sprint planning.

Personality/Host, Tutor *Practicum (remote)* Apr. 2021 – Present

- Host international hackathons and apprenticeship project showcases for SE, UI/UX, and DS students. Dynamically interview students, industry experts, and panelists (CEOs, CTOs, etc.) live on stream.
- Lead live-coding sessions, demonstrating coding principles, walking students through projects, and providing learning support for students beginning their software engineering journey.

Javascript Developer *Conifer Point (remote)* Mar. 2021 – Jan. 2022

- Built, maintained, and updated web-based computational chemistry software on a React, Django, PostgreSQL stack with an agile startup team of intranational developers.
- Refactored legacy JQuery/JS components into modern React components using Material UI.
- Implemented 3rd party API's and libraries like 3Dmol.js and RDKit to display complex 3D graphics and provide users with advanced chemical modeling tools.

Web Developer *OFG Web Dev. (remote)* 2020 – 2021

- Updated responsive WordPress and HTML/CSS/JS websites for local and international clients.

Chemical Engineer I - II *AECOM (hybrid)* 2019 – 2021

- Consulted on technical docs for clientele in chemical process design, performed facility-wide integrated evaluations at SRS nuclear waste facility, and contributed to engineering calculations

Skills, Languages, Frameworks

Frontend: React, React Query, Redux, Jest, TypeScript, JavaScript, Chakra UI, Styled Components, HTML, CSS

Backend: Django, Python, Ruby, Node, Express
Misc.: NPM, Figma, Docker, REST, OOP

Education

Software Eng. Bootcamp *Practicum* 2020

- Developed full React/Gatsby website for startup company Iterative.ai
- Coded biweekly independent projects with strict deadlines, code review, and feedback from professional developers in Agile sprints over the course of 10 months (MERN Stack Focus)

B.S. Biochemical Engineering *University of Georgia* 2019