

Max Shroyer

+1 (614) 907-0107 | maxshroyer49@gmail.com | linkedin.com/in/maxshroyer/ | maxshroyer.com

Professional Experience

Junior Software Engineer @ Vigilus | Baton Rouge, Louisiana | September 2022 - Present

- Developed and deployed web and mobile applications using **React**, **React Native**, **TypeScript**, **CSS**, and **Tailwind**, delivering high-quality solutions for multiple clients.
- Implemented and maintained **CI/CD pipelines** with **AWS** and **Firebase**, ensuring seamless deployment and integration of applications.
- Conducted peer reviews and **QA testing** for code written by interns and junior developers.

Software Engineering Intern @ Chevron | Houston, Texas | May 2024 - August 2024

- Developed an in-house solution for displaying 3D reservoir data including functionality to visualize static and time-based data more easily. Saving our team \$12,000 annually.
- Used **Three.js** and **Angular** for the front-end development of the 3D file visualization features.
- Developed a **Python** back-end with **Flask** and **Blender**, to decompile eclipse EGRID, INIT, and UNRST files and swiftly return formatted STL files for front-end visualization. Deployed and hosted using **Azure Services**.

Software Engineering Intern @ Chevron | Houston, Texas | May 2023 - August 2023

- Gained a working knowledge of Azure services including **Logic Apps**, **SQL Databases**, **Automated Data Factories**, and **CI/CD Pipelines** using **YAML**, and **Databricks**.
- Developed and deployed a scalable data pipeline to automatically ingest third-party information and then sort and process the information for further analysis and reporting, saving 200 hours of work annually and ensuring critical business data was up-to-date and accurate.

Web Development Intern @ My Interview | Tel Aviv, Israel | February 2022 - May 2022

- Used **Vue**, **JavaScript**, and **SCSS** to develop platform responsiveness and improve user experience across all devices.
- Implemented **Google Analytics** into the product to better understand customer behavior and areas for improvement.

Lead Developer @ Nefesh B'Nefesh | Tel Aviv, Israel | December 2021 - February 2022

- Developed an MVP to clients' specifications using **React**, **JavaScript**, **CSS**, and **Firebase**
- Led a team of twelve developers, delegating tasks and managing the short project timeline, preventing any delays in the delivery.

Education

Louisiana State University | Baton Rouge, Louisiana | August 2022 - May 2026 | 3.6 GPA

- Bachelor of Science, Mathematics and Computer Science with a Software Engineering focus
- Member of Google Developer Student Club and Engineering Diversity Ambassadors
- Studied Large Language Model Design and Deployment for Business
- Dean's list | Fall 2022, Spring 2023, Spring 2024

Big Idea Bootcamp | Jerusalem, Israel | August 2021 - December 2021

- Developed proficiency using **Javascript**, **HTML/CSS**, **React**, and **Firebase**
- Earned certification in Web Development

Skills

Programming Languages: TypeScript, JavaScript, HTML/CSS, Ruby, Python, Java, Ocaml, C, C#, SQL, Rust

Programming Frameworks: React.js, React Native, Next.js, Vue.js, Angular.js, Three.js, Node.js, Flask

Other: Firebase, Azure, AWS, Agile, Git, Figma, UX/UI, Jira