

SARAH ANN GARCIA

SOFTWARE DEVELOPER

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[Portfolio](#) | [LinkedIn Profile](#)

EDUCATION

B.S. Mechanical Engineering

May 2013

Georgia Institute of Technology - GPA: 3.94

Full Stack Web Developer

June 2018

Thinkful: Full Stack & Data Science

PROFESSIONAL EXPERIENCE

Software Engineer | Quickdraw Development, Remote

Nov. 2018 – May 2020; Sept. 2021 – May 2023

- Produced a boilerplate application using React, Typescript, Next.js, Node.js, Domain Driven Design, and Tailwind CSS as a starting point for new projects that included common components, authentication, basic API models and endpoints (i.e. users, access-control, s3), fetch wrappers, scripts for building out API (i.e. use cases, models), common pages (i.e. login and flow, dashboard, admin starting interface)
- Used Domain-driven Design (DDD) along with Node.js for the creation of three APIs which established maintainable and organized code
- Scrum Master: sprint planning, run stand-up meetings, keep projects on track, product roadmap owner, and feature design
- Involved in entire application creation process: project planning, sprint cycles, client beta testing, and post launch bugs

Lead Frontend Web Developer | Kayhan Space Corp, Remote

May 2020 – Sept. 2021

- Lead a team of engineering professionals focused on building a satellite monitoring application and multiple APIs from the ground floor using React, Redux, Node.js, PostgreSQL, and Material UI
- Facilitate Scrum framework: sprint planning, backlog grooming, weekly scrums, and sprint reviews
- Created policy documents to outline best practices for component development and testing for primary user-facing application and supporting API
- Manage and participate in full-cycle design tasks, handling all phases from conception to completion while maintaining guidelines throughout

Mechanical Engineer | Trackmobile LLC, LaGrange, GA

Oct. 2013 – May 2017

- Responsible for hydraulic, mechanical, and electrical harness design for a variety of machine elements, utilizing SolidWorks 3D CAD software, FEA, and machine drawings
- Developed design elements to streamline manufacturing processes (i.e. pneumatic harness systems)
- Experienced with basic SAE J1939 CAN bus diagnostics, including use of CanCapture diagnostic tool

OTHER EXPERIENCE

Math & Science Tutor | Columbus, GA

Aug. 2017 – Present

- Clearly communicated complex concepts to students in subjects such as Calculus I, II, and III, Trigonometry, Chemistry, and Physics
- Explained mathematical and scientific concepts at the base level to give students a solid foundation and confidence in their studies

SKILLS & TECHNOLOGY

React - 5+ years

TypeScript - 2 years

Domain-driven Design - 2 years

Next.js - 5+ years

Node.js - 5+ years

Redux - 5+ years

Javascript - 5+ years

Git - 5+ years

SQL Databases - 4 years

Mongo Databases - 5 years

Agile Methodologies - 3 years

Amazon Web Services (AWS) - 2 years

jQuery - 5+ years

HTML5 & CSS3 - 5+ years

Cypress - 1 year

Material UI - 4 years

Tailwind CSS - 1 year

Aurelia - 2 years

Python - 1 year

Angular - 1 year

PHP - 1 year

Problem Solving - 25+ years

Debugging Code - 5+ years

Communicating Complex Concepts - 10 years

Internal audit training for ISO 9001 - 1 year

Certified Fluid Power Hydraulic Specialist through IFPS - 1 year