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 the design of a variety of machine elements, utilizing CAD software and FEA analysis tools to verify design safety and efficacy
- Familiar with electrical design diagnostics and multiplex controller database construction
- Experienced with GUI programming and basic diagnostics, including graphic element creations

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