

SHAHIN YAGHINLOO

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OBJECTIVE

Recent Computer Science graduate with internship and professional software engineering experience. Skilled in full-stack web development using React, JavaScript and Firebase. Excels at collaborating with both technical and non-technical teams to deliver efficient, user-centered technology solutions.

EDUCATION

Farmingdale State College Farmingdale, NY
Bachelor of Science in Computer Science May 2025

Dean's List

Farmingdale State College Farmingdale, NY
Associates in Liberal Arts and Sciences Jan 2022

Dean's List

PROFESSIONAL EXPERIENCE

Entry-level Software Engineer (React/Next.js Developer) Sep 2025 – Jan 2026
Windward Management LLC (Startup Contract) Contract

- Contributed in developing a case management application using **React, Next.js, Tailwind CSS, and Firebase** to streamline business operations.
- Collaborate with non-technical stakeholders to translate business needs into functional, efficient product solutions.
- Investigate and resolve production-level bugs reported by users to improve product quality.
- Designed and developed an AI extraction feature using **OpenAI API** to extract data from scanned images of bill-sheets and auto fill necessary values in an input form
- Contributed in development workflow using ticket-based Agile processes, PR reviews, and feature sprints.

Data Science Intern (Software Engineer) Jun 2024 – Sep 2024; Jan 2025 – May 2025
Food and Drug Administration (FDA) Remote, NY

- Developed the **Medical Classification Model** using VBA automation to replace manual data workflows, achieving a 90% prototype completion rate.
- Rebuilt half of the legacy **Labeling Cost Model** in **R-Shiny**, improving performance and enabling real-time data visualization.
- Optimized R scripts and modular VBA macros to improve reliability, speed, and maintainability.
- Collaborated in Agile/SCRUM workflows with data scientists and economists; received a formal **Letter of Recommendation** for technical leadership.

PROJECTS

PlotTwist (Movie Review Platform) Jan 2025 – May 2025
Project Manager & Full Stack Developer

- Built a group-based movie review platform using HTML, CSS, JavaScript, and Firebase.
- Collaborated on architecture design using UML, ER, and context diagrams for planning and communication.
- Developed features such as authentication, profile pages, dynamic home feed, and dark mode.
- Implemented social tools: follow/block system, community tracking, and help center chatbot.
- Enhanced personalization with recommendation carousels and user-based settings.
- Managed progress via Trello Board and GitHub Repository.

TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS

Frameworks/Libraries: React, Next.js, Tailwind CSS, R-Shiny

Technologies: Firebase, Git, OpenAI API, ClaudeAI API

Tools: Visual Studio Code, Cursor