

ADNAN SADAR

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[LinkedIn](#) | [GitHub](#) | [Website](#)

Work Experience

• Founding Software Engineer, Investors Engine

Feb 2025 – July 2026

- Built an investment research platform displaying financial data for 10,000+ US stocks, historical ratios, and advanced charting tools. User portfolio, watchlist notifications system using web sockets also featured.
- Built and managed the platform infrastructure using Docker Compose to orchestrate containerized backend, frontend, shared services, and Redis, with NGINX for proxying and reliability. Integrated Cloudflare Workers for edge routing and optimized deployments.
- Setup OpenClaw for automated testing, news and reporting results using Discord webhook.
- Created a Google Sheets extension to the extend the use of financials, ratios and other key metrics API data for users.
- Executed comprehensive frontend architecture revamp by migrating to TailwindCSS and performing code cleanup, reducing FE bundle build time and improving application rendering performance through code splitting, design tokens.

• Senior Software Engineer, LitmusBlox

June 2022 – May 2024

- Led a team of 5 developers to design and deliver PeopleBlox, a competency assessment tool, reducing employee evaluation time significantly. Used RTK Query to reduce server API calls for cached data by 30%.
- Collaborated with management to enhance workflow efficiency by 25%, and architected software solutions and tech stack for the product.
- Worked on end to end feature development cycles with Node.js, Express, PostgreSQL, Prisma on the backend.
- Led a few team sprints and also mentored interns working on the product.

• Software Engineer Intern (Full-Time), LitmusBlox

Aug 2021 – May 2022

- Developed frontend for an employee assessment Chatbot Application with React.js, Redux, Bootstrap, and vanilla JS, reducing load time by 15%.
- Enhanced the company's recruitment platform by building an automated candidate screening process in React, improving accuracy. Wrote E2E tests in Cypress which significantly reduced manual testing in candidate job creation and hiring flow.

Education

• State University of New York at Buffalo

2024 - Dec 2025

Master of Science in Computer Science

• Vishwakarma Institute of Technology

2018 – 2022

Bachelor of Technology in Information Technology, CGPA: 8.45

Skills

Programming Languages: JavaScript (ES6+), TypeScript, Python, CSS, HTML

Frontend: ReactJS, Next.js, Redux, React Query, Material UI, Bootstrap, Tailwind CSS, CSS3, Playwright, Jest

Backend: SQL, PostgreSQL, MongoDB, Node.js, Express.js, FastAPI,

DevOps/Cloud: GitHub Actions, Vercel, Netlify, Digital Ocean, AWS, Jenkins

Other Skills: Git, GitLab, Docker, Kubernetes, Shell Scripting, Linux, Webpack, Prisma, Alembic, SEO, Accessibility, Agile, CI/CD, Firebase, React Native

Projects

• Scholar Housing

Nov 2025 – Jan 2025

- Led the development of a student housing platform enabling domestic and international students to find compatible roommates and trusted subleases.
- Focused on building intuitive onboarding flow and efficient student matching workflows using FastAPI, PostgreSQL in the backend.