

ALLAN E. SERNA

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EDUCATION

Georgia Institute of Technology | Atlanta, GA

M.S. in Computer Science | GPA: 3.77, Highest Honors | Computing Systems Aug 2021 - Present

B.S. in Computer Science | GPA: 3.4, High Honors | Human-Computer Interaction (HCI) Aug 2015 - May 2020

PROFESSIONAL EXPERIENCE

Lead Front-End Engineer (Founding Engineer) Dec 2023 - Present

Vera AI | Brooklyn, NY

- Tech stack: React, Zustand, Tanstack Router, React Query, Chakra UI, Tailwind, Vite
- Solely responsible for the design, development, and upkeep of all three front-end customer-facing applications, ensuring consistent, high-quality performance.
- Authored front-end design documents for each feature and worked closely with a contracted design team

Sr. Front-End Software Engineer Nov 2021 - Oct 2023

Gigantik (Formerly GigLabs) | Atlanta, GA

- Tech stack: React, Redux, Styled Components, for the FE and Node/Express + MySQL DB for the BE
- Served as the top contributor in front-end code repositories, delivering 20+ core features
- Mentored four junior developers through pair programming and technical workshops, accelerating their productivity and code quality by 30%

Software Engineer II June 2021 - Nov 2021

Cisco | San Jose, CA

- Tech stack: React, Vanilla Javascript, Java
- Maintained 3 open-source SDK projects for Webex, reducing reported issue resolution time by 27%.
- Secured 100% infosec compliance by remediating CVEs and identifying license violations using Blackduck

Front-End Development Engineer II Nov 2020 - June 2021

The Michaels Companies, Inc. | Irving, TX

- Tech stack: React, Redux, Chakra, Styled Components, Figma
- Architected and implemented UI flows for a new customer care portal and product dispute workflow
- Weekly presenter at company-wide demos, shared progress updates of design and development work

Freelance Full-Stack Web Application Developer May 2020 - Nov 2020

Remote | Nashville, TN

- Tech stack: React, Redux, Tailwind, Bootstrap, Chakra, for the FE. Node/Express + Firebase & MongoDB for the BE
- Acquired contracts with 3 startups, generating \$45K+ revenue through tailored web development solutions
- Developed 15+ full-stack features and 3 custom websites, ensuring 100% client satisfaction and repeat business

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Java, Python, SQL

Frameworks: React, Next.js, React Native, React-Query, Zustand, Redux, Saga, NodeJS

Design Libraries: Material UI, TailwindCSS, ShadCN, Styled Components, Chakra UI, React Bootstrap, Ant Design

Back-end Services: Supabase, MySQL, Firebase, MongoDB, AWS (Lambda, API Gateway, DynamoDB, Cognito)