

Nicholas Sabadicci

Full-Stack Software Engineer

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760-500-4010 | [GitHub](#) | [LinkedIn](#)

Technical Skills

Front End - JavaScript (ES5 and ES6), React, TypeScript, CSS3, SASS

Back End - Node.js, SQL, PostgreSQL, MongoDB, Docker, AWS EC2 / RDS / S3, Redis

Testing/Development - Jest, Mocha, Chai, AWS EC2 / RDS / S3

Developer Tools - Git, npm, Webpack, Babel, Trello, AGILE

Software Engineering Applications

Omen API - *eCommerce System Design*

[GitHub](#)

- Developed and scaled the backend API for an existing eCommerce microservice with 40M records of user data to increase throughput by 4000% and response times by 1500%.
- Wrote advanced **PostgreSQL** queries to maximize query speeds using nested aggregations and joins to query from multiple tables and shape responses to match legacy API's endpoints.
- Scaled horizontally by deploying 10 **Express** servers on **EC2 T2** instances connected to a single **PostgreSQL** DB managed by an **NGINX** load balancer (4300 RPS without **Redis** cache).

Human Clothes - *Clothing eCommerce platform*

[GitHub](#)

- Designed and implemented fast, dynamic, and responsive image carousel and product overview module using **React** and **SASS**.
- Implemented application-wide UX click tracking using React Higher-Order Components.
- Achieved a 100% disability compliance score in **Lighthouse** by enforcing strict **A11y** compliant **AirBnb** linter rules enforced by **Prettier**.

Planit - *Event based social media platform*

[GitHub](#)

- Architected sleek and functional front end for group-based event scheduling app.
- Created a minimalistic but functional single paged wireframe based on complex verbal instruction from client and managed it's implementation as the teams **UI/UX lead**.
- Top contributor to front end code even while balancing management responsibilities.
- Collaborated with the team using **AGILE/SCRUM** development practices

Selected Professional Experience

DoorDash LLC - *Dasher associate*

2020 - PRESENT

- Promoted to golden status in three months due to consistent high ratings and on-time deliveries.

Grade Potential LLC., San Diego - *Private Tutor*

2018- 2020

- Provided private, individualized instruction to 25 students, increasing SAT test preparedness and success in computer science and calculus

Best Buy, Encinitas - *Customer Service and Mobile Sales Associate*

2015 - 2018

- Promoted from customer service to Mobile / Gaming sales associate within 6 months.
- Consistently top 5 in GSP sales out of all associates during employment.

Education

Hack Reactor - *Advanced Software Engineering immersive*

2021

Miracosta College, San Diego - *AA Computer Science*

2017 - 2020

Relevant Coursework: Java, Advanced Data Structures & Algorithms, Computer Architecture and Assembly Language, Calculus I, II, & III, Intro to Python