

# DAYO OGUNDIPE

(617) · 980 · 3213 ◇ dayo.ogn@gmail.com

<https://do-portfolio.netlify.app/> ◇ <http://github.com/itsdayo> ◇ <https://www.linkedin.com/in/oladayoogundipe>

## EDUCATION

---

### University of Massachusetts Dartmouth

*B.Sc in Mathematics*

September 2011 - May 2016

*North Dartmouth, MA*

### University of Denver

*M.Sc in Software Programming*

September 2019 - March 2021

*Denver, CO*

## WORK EXPERIENCE

---

### TeamWorx Security

*Software Engineer*

September 2021 - January 2025

*Columbia, MD (Remote)*

- Implemented code written in React, PostgreSQL, GraphQL NodeJS, and Python to develop mobile and web applications
- Designed scalable system architectures that facilitated efficient data processing and integration across platforms.
- Utilized AI to generate summary reports for malicious files This includes:
  - Prompt Engineering for strategies to allow users to communicate with an LLM for file analysis
  - Working with stakeholders throughout the organization to identify how to leverage AI to drive cybersecurity solutions
- Manage permissions to secure classified data
- Resolved complex technical issues through advanced debugging techniques, improving software reliability.

### CarSwoop

*Software Engineer*

August 2019 - October 2019

*Santa Monica, CA*

- Build upon an application and web platform using React for the frontend and Node Js/firebase for the backend. such as CSS, JQuery, Bootstrap, and HTML
- Leveraged collaboration tools to enhance team communication and project management, resulting in improved productivity.
- Utilized MapKit JS to display mapping in real-time for the location of drivers in the system.

### Next Round

*Full Stack Developer*

April 2019 - August 2019

*Culver City, CA*

- By using React, global state Redux, C#, and MySQL, I designed, developed, and built software code to provide new functionality. Used object-oriented design principles to develop a web application using the efficient, modular .Net ecosystem.
- Executed rigorous code reviews to ensure adherence to best practices and enhance code quality.
- Collaborated with cross-functional teams to drive project success and foster effective communication.

## PROJECTS

---

### Activities Planner

<https://reactivities-planner.fly.dev/>

Create events, add photos, chat with users, and build a following community with this website with the client written in React and the backend using .Net ecosystem written in C sharp

### Material UI Recipes

<https://itsdayo.github.io/Material-UI-Recipes/>

Create a recipe or browse through original recipes to see the ingredients or instructions on how to make meals. Styled with Material-UI and written in React.

### Catch of the Day

<https://do-restaurant-menu.netlify.app/>

This project showcases my front-end architect skills along with expertise using react hooks. It uses modern best practices such as React and styled-components.

### Languages

Python, TypeScript, MATLAB, NodeJs, C#, Ruby on Rails, LaTeX, SQL

### Software

PostgreSQL, MongoDB, NoSql, Jest, Pub-Sub, Docker, Tailwind, MaterialUI

### Web skills

HTML5, CSS, WordPress, JavaScript, React, JQuery, Flask