

# John Durtka

## Software Developer

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in <https://www.linkedin.com/in/john-durtka/> 🌐 <https://github.com/JohnD42>

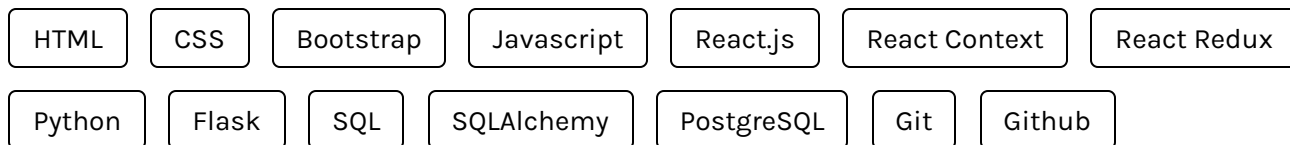
### Profile

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Results-oriented and highly skilled Software Developer with a proven track record of over 3 years in coding with Python and MATLAB for engineering applications. Adept at designing and implementing innovative software solutions to meet technical requirements. Known for a strong proficiency in the following technical skills: HTML, CSS, JavaScript, React.js, React Redux, React Context/Flux, Python, Flask, SQLAlchemy, MATLAB. Also excels at problem-solving, self-management, and being a collaborative team player.

### Skills

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### Projects

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#### Hot Doggity Dog Walkers Website, Hypothetical Pet Care Business Website

- A website designed for a pet care services-based business, designed using ReactJS, Bootstrap, React-Bootstrap, HTML and CSS on the front end, and Python, Flask, SQLAlchemy on the backend with a PostgreSQL back end.
- The platform allows users to create an account and log in, as well as change important account information and add pet information. The authentication system includes a forgot password system allowing users to request a secure password reset link. They can also schedule services with a custom front end scheduling system integrated with the Google Calendar API on the back end, as well as the PayPal API for payment.
- Designed the front end scheduling system as well as all of the back end API endpoints it interacts with, including the Google Calendar API integration and the PayPal API integration.

#### React Game Jam 2023 Submission, Alien Invaders 📄

- A game based on the classic game Space Invaders, developed using React, React Pixi for rendering, and React Redux.
- Designed the game to allow the user to fight repeated waves of enemies which scale in difficulty, and buy upgrades in between waves.

### Education

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#### Full Stack Web Development, 4Geeks Academy

09/2023 - 12/2023

A coding boot camp focusing on full stack web development, covering HTML and CSS, Bootstrap, Javascript, React.js, SQL and SQLAlchemy, and Python and Flask.

#### B.S. in Biomedical Engineering, Northwestern University

06/2023  
Evanston, IL

### Professional Experience

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#### Kitchen Support Specialist, The Cheesecake Factory

2022

- Demonstrated meticulous attention to detail in organizing kitchen areas, optimizing workflow efficiency.
- Implemented efficient task prioritization to ensure timely dishwashing and waste removal, honing strong time management skills.
- Worked seamlessly with kitchen staff to achieve collective goals, fostering a collaborative team environment.
- Developed strong communication skills through effective coordination with team members, contributing to a positive and productive workplace culture.

Evanston,  
United States