

William Dunn

will@wedward.com | (914) 886-8582 | Nashville, TN | [Portfolio](#) | [GitHub](#)

SKILLS & INTERESTS

- **Languages:** Python, JavaScript, TypeScript, SQL, HTML, CSS
- **Frameworks & Libraries:** React, Redux, Zustand, Next.js, Tailwind CSS, SQLAlchemy, Prisma
- **Databases:** PostgreSQL
- **Tools:** Docker, Webpack, Git, NPM, AWS
- **Interests:** Skateboarding, Golf, Hiking, Fitness

WORK EXPERIENCE

Vistar Media

Feb. 2020 – Nov. 2024

Software Support Engineer

New York, NY

- Developed full-stack features in JavaScript and Python for web applications, collaborating in weekly sprints.
- Created Python scripts for data migrations, bug fixes, AWS log parsing, and production issue resolution.
- Built and executed complex database queries to assist with troubleshooting and configuration support.
- Developed JavaScript logic for dynamic creative campaigns (NFL, NBA, Virgin Australia) using server-side rendering.
- Created unit and integration tests for Python models and modules to ensure code quality and reliability.

ATTCK, LLC

Sept. 2019 – Nov. 2019

React Engineer

New York, NY

- Integrated a RESTful API to create a custom search component with React and Redux-Saga.
- Developed and styled custom forms using Formik for a seamless user experience.
- Collaborated with marketing and design teams to ensure pixel-perfect component implementation.

PROJECTS

ServiceCycle | *TypeScript, Next.js, React, Motion, Tailwind CSS, Prisma, PostgreSQL, OAuth 2.0*

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- Developed a full-stack app for tracking streaming subscriptions and searching for TV shows/movies.
- Integrated the TMDB API for detailed search results, highlighting subscription matches and availability.
- Utilized GitHub Actions for continuous integration and deployment (CI/CD), automating deployment processes.
- Implemented OAuth 2.0 authentication and Zustand for secure session management and efficient state handling.

Two Dee Skate | *JavaScript, Canvas, HTML5, CSS3, OOP*

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- Developed a side-scrolling 2D skateboarding game with custom physics, collision detection, and dynamic terrain/obstacles for enhanced replayability.
- Designed a modular, object-oriented codebase for easy expansion and obstacle management.
- Leveraged JavaScript's asynchronicity for smooth menu transitions, delivering a polished user experience.

EDUCATION

Roger William University

2010

Bachelor of Science, Computer Information Systems

Bristol, RI

App Academy

2019

Software Engineering

New York, NY