

# David Mostoller

Full Stack Software Engineer

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Philadelphia, PA, USA

[Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [Medium](#)

Innovative Full Stack Software Engineer blending music and teaching experience with expertise in JavaScript, React, and Python. Adept at collaborating in agile teams to create cutting-edge applications and enhance UX.

## Core Skills

**Languages:** Python, Javascript, HTML, CSS, SQL, .NET, PHP, Typescript, Ruby  
**Frameworks/Platforms:** React, Node.js, Next.js, Vue.js, Flask, REST APIs, Flask-Restful, SQLAlchemy, Webpack, PostgreSQL, Redux, SemanticUI, TailwindCSS, AWS

GraphQL, MySQL, Cloudflare, Docker

**Tools:** Git, Mapbox, Cloudinary, ChatGPT, Google APIs, Adobe Creative Suite

**Skills:** deployment automation, security engineering, front end development, back end development,

## Education

### Flatiron School

Dec 2023 - Mar 2024

Software Engineering

### Wesleyan University

Sep 2004 - May 2008

Bachelor of Arts Government

## Experience

### Full Stack Software Engineer

June 2022 - Present

*Freelance | Philadelphia*

- Successfully integrate inclusive product design strategies with full stack development methodologies to optimize end-user experience while designing web applications for independent clients using an extensive range of cutting-edge web technologies including APIs, LLMs and AI.
- Test and deploy servers and software applications for client websites.
- Work closely with clients to establish application specifications and designs. Apply an inquisitive mindset to modify and maintain existing projects to correct errors, improve performance and scale applications.
- Leverage professional development opportunities to master full stack software engineering tools and methodologies.

### Music Teacher / Web Developer

June 2020 - Dec 2023

*Future Media Academy | Belgium*

- Mentored international students in electronic music production to foster future industry success.
- Improved the school's website for 5,000 international students by enhancing accessibility, optimizing the front end UI, and adding video streaming and real-time chat features.

### Electronic Music Producer

May 2008 - Dec 2023

*Kabayun, Superluminal | Philadelphia*

- Created and performed original electronic music in 40+ countries, with 100+ tracks released internationally.
- Demonstrated autonomy in developing and managing my own brand-promoting artist website.
- Oversaw a robust social media following of 100,000+.
- Exhibited ability to take responsibility in overseeing projects from inception to completion.

### Business Analyst

Jan 2015 - Nov 2016

*Zoomer Inc, | Philadelphia*

- Managed and ensured the accuracy of large SQL datasets, maintaining complex reports and dashboards.
- Utilized Mapbox to create data visualizations for complex insights, aiding executive decisions on market entry and investor attraction as Zoomer grew to a \$20 million valuation, rivaling other RDS startups like DoorDash.
- Managed complex projects with a strong ownership and a consistent track record of meeting deadlines and delivering effective solutions.

### Software Engineer / Account Manager

Jan 2010 - Oct 2012

*Entourage Yearbooks | Princeton*

- Headed a team to develop a .NET/Javascript full stack web app, which included an online store and yearbook management features. This contributed to Entourage becoming the fastest growing yearbook company in the USA at that time.
- Helped integrate Chili Publish, making us the first US online yearbook publisher with comprehensive web-based design software.
- Leveraged end-to-end testing methodologies to ensure seamless compatibility between front-end and back-end systems for improved UX.
- Managed client accounts, facilitated photo book creation, and provided technical support to the clients.