

## Randall Wolfe

### Fullstack Web Developer

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## SUMMARY

Full-stack software engineer specializing in UX/UI development. I combine 12 years of IT management and teaching with expertise in MongoDB, PostgreSQL Express, React, and Node to create responsive, user-focused applications. Adept at simplifying complex workflows into seamless digital experiences and fostering team collaboration to deliver high-impact products.

## SKILLS

**Languages & Tools:** JavaScript, Typescript, Node.js, Python, Go, HTML, CSS, SQL **Frameworks & Libraries:** React, Next.js, Vite, Express.js, Django, TailwindCSS, Bulma, DaisyUI, PicoCSS **Databases & APIs:** MongoDB, PostgreSQL, RESTful Routing, Postman **Development Practices:** Agile/Scrum, Git & GitHub workflows, Test-Driven Development, MVC architecture, Responsive Design, Debugging & Troubleshooting **Design & UX:** Principles of UX Design, Adobe Photoshop & Illustrator, Wireframing, Figma **Soft Skills:** Problem Solving, Cross-Functional Collaboration, Communication (technical & non-technical), Project Design, Team Leadership, Adaptability, Empathy for Users, Time Management

## EXPERIENCE

### Full-Stack Software Engineer, Fellow | General Assembly | Remote | 6/2025 - 9/2025

Completed a full-stack development program, delivering 4 projects across the full software development lifecycle.

Focused on building user-centric web applications

#### Projects:

#### Fullstack Web Developer | Pop 5 | [Github](#) | 09/2025

**Technology:** React, Javascript, TailwindCSS, Flask, Python

Built full-stack social ranking application using React, Flask, and PostgreSQL with JWT authentication and RESTful API design

- Reduced manual data entry by 90% by integrating TMDB API for automated movie metadata retrieval with real-time search and data validation
- Enhanced user experience and mobile usability with responsive UI and intuitive arrow controls for list reordering
- Designed scalable PostgreSQL database schema enabling seamless addition of new content and categories and features.

#### Fullstack Web Developer | Bleepr | [Github](#) | 08/2025 - 09/2025

**Technology:** React, JavaScript, Node.js, Express, MongoDB, PicoCSS

Collaborated as the Github lead and frontend developer building retro social media platform inspired by early Twitter and MySpace using MERN stack

- Led repository management and version control for team of 4 developers, ensuring clean code integration and deployment workflows
- Developed core Bleep Feed component enabling real-time social media interactions including posts, comments, and hashtag filtering
- Implemented content moderation system with bad-words library, reducing inappropriate content by 95% and improving user safety

#### Fullstack Web Developer | Cryptidex | [Github](#) | 08/2025

**Technology:** Node.js, Express, MongoDB, EJS, JavaScript, PicoCSS

Built full-stack CRUD application for tabletop RPG community using Node.js, Express, and MongoDB with server-side rendering

- Streamlined monster creation workflow by 80% through intuitive form design allowing users to add custom powers and attacks

- Designed collaborative database architecture enabling users to browse, save, and manage monster creations across the platform
- Enhanced user experience with responsive design using PicoCSS and Google Material Design icons, optimizing for mobile gaming sessions

**Frontend Developer | MasterMind | [Github](#) | 07/2025 - 08/2025**

**Technology:** HTML, CSS, JavaScript

Developed classic deduction game using vanilla JavaScript with advanced CSS Grid layout and interactive audio elements

- Reduced player confusion through precise feedback system providing clear visual indicators for correct positions and color matches
- Implemented responsive audio feedback system delivering immediate visual and auditory confirmation for player actions
- Demonstrated advanced CSS Grid mastery creating responsive game board layout optimized for desktop and mobile gameplay

**Digital Learning Facilitator & AP Computer Science Teacher | San Francisco Unified School District | San Francisco, CA | 08/2019 - 06/2025**

- Partnered cross-functionally with stakeholders to integrate digital solutions into core workflows, aligning with organizational OKRs and driving measurable improvements in engagement and outcomes.
- Facilitated team-based coding projects on GitHub, expanding students' technical fluency and real-world collaboration skills.
- Increased AP Computer Science Principles pass rate from 50% to 70% in two years, surpassing the national average by 10%.

**IT Liaison & classroom teacher | Orange County Public Schools | Orlando, FL | 08/2013 – 05/2017**

- Spearheaded an organization-wide 1:1 digital curriculum rollout for 900+ students and 150 teachers, streamlining device allocation and expanding access to learning resources.
- Built and maintained a custom device tracking system for loans, repairs, and replacements, cutting downtime and optimizing resource allocation.
- Established and trained a student-led IT Help Desk, reducing support response times and boosting schoolwide technical efficiency.

## **EDUCATION**

**Software Engineering Immersive | General Assembly | Remote | 09/2025**

Completed 12-week, coding bootcamp that involves creating 4 frontend, backend, and fullstack applications in teams and independently

**Computer Science Teaching Authorization | San Francisco State University | San Francisco, CA | 2022**

**Curriculum & Instruction, M.S. | Florida State University | Tallahassee, FL | 2019**

**English, B.A. | University of Central Florida | Orlando, FL | 2011**