

ERNEST POUGH

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[Github](#) | [LinkedIn](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Proud US Army Veteran and experienced Software Engineer with a proven track record of success in leveraging technologies such as React, JavaScript, Ruby on Rails, and Node.js to build secure, scalable B2B solutions that empower users and enhance business operations. Skilled in implementing CI/CD pipelines, Agile methodologies, and responsive web development, driving system performance, security, and usability. Adept at fostering innovation and improving user experiences through intuitive, responsive front-end designs. Former holder of Secret Clearance.

TECHNICAL SKILLS

TypeScript, JavaScript, Ruby, Ruby on Rails, HTML, CSS, GraphQL, React, Node.js, Express, MongoDB, SQL, Tailwind CSS, Gatsby, Github, DevOps, Git, Cypress, Jest, Storybook, Docker, Webpack, Figma, MS Windows, MS Server, Networking, TCP/IP, MS OfficeSuite, HyperV, Citrix, Virtual Box, M365, Dell, IBM, HP, IBM Servers, HP Servers, HP Printers, IBM Blade Servers, Powershell, CMD, Active Directory, PC Build & Imaging, Server Build & Repair.

RELEVANT PROFESSIONAL EXPERIENCE

Wistia (Cambridge, MA) Software Engineer

January 2022 - August 2023

Wistia is a company that develops a video marketing platform for businesses. It enables teams to create, host, market, and analyze the impact of video.

Accomplishments:

- Migrated front-end tools to React and Cypress.io, improving component management and testing reliability.
- Resolved critical XSS vulnerabilities, maintaining high code quality through rigorous PR reviews.
- Co-developed training material for on-call duties using Pager Duty, ensuring operational readiness.
- Collaborated with cross-functional teams to integrate and refine React-based admin features, optimizing the dashboard to enhance user experience, interaction, and operational efficiency.
- Led the adoption of Cypress.io for end-to-end testing, ensuring robust and reliable test coverage in line with modern development practices.
- Implemented and streamlined CI/CD processes using GitHub Actions, reducing pipeline complexity and accelerating deployment cycles.
- Enhanced front-end security by addressing XSS vulnerabilities and conducting thorough PR reviews, maintaining high code quality standards.
- Co-created training materials for on-call engineering tasks with Pager Duty, fostering team readiness and operational excellence.
- Laid off due to macroeconomic conditions; not performance related.

Resilient Coders (Boston, MA) Software Engineer

July 2021 - February 2022

Resilient Coders is a non-profit that trains and places hundreds of Black and Brown engineers into family-sustaining engineering roles

Accomplishments:

- Collaborated with development teams to design responsive full-stack web applications, enhancing user experience.
- Built semantically structured web applications for desktop, iOS, Android, and tablet devices, ensuring cross-platform compatibility.
- Maintained detailed Git history for projects on GitHub, fostering team collaboration.
- Created logo designs and multi-page layouts, contributing to brand consistency.
- Developed responsive HTML/CSS layouts, improving website usability and accessibility.

- Optimized web applications to enhance performance, resulting in a substantial decrease in load times.
- Partnered with UX/UI designers to develop user-centric features, fostering a seamless user experience.
- Implemented cutting-edge technologies to improve application scalability, ensuring future-proof solutions.

MILITARY EXPERIENCE AND SKILLS

US Army

Multiple Roles (IT, Engineering, Intelligence)

December 2010 - March 2022

Served in a critical deployment in 2020 in support of the Covid-19 Pandemic Relief Efforts

Accomplishments:

- Led technical projects, enhancing team collaboration and managing timelines; organized training events, boosting operational readiness by 25%.
- Managed \$500k worth of sensitive equipment, implementing control measures to ensure zero loss and maximum accountability.
- Developed a weekly maintenance program, improving operational readiness by 19% in six months and training 22 operators on routine upkeep.
- Led and trained teams of up to 45 soldiers in classroom and practical settings on power generation and essential soldier functions.
- Streamlined technical operations across IT, engineering, and intelligence, resulting in measurable improvements in efficiency and performance.
- Spearheaded critical intelligence projects, delivering actionable insights that significantly enhanced mission success rates. Developed and implemented advanced engineering solutions, driving innovation and improving operational capabilities.
- Coordinated cross-functional teams to achieve strategic objectives, fostering a collaborative environment that enhanced team productivity.

VOLUNTEER EXPERIENCE

Resilient Coders

Developer Relations

January 2023 - Present

Accomplishments:

- Facilitated community engagement activities such as events and online discussions for the 400+ engineering community, fostering a collaborative environment and enhancing peer learning.
- Supported hackathon and recruitment efforts that identified potential aspiring software engineers.
- Engaged directly with the leadership team on strategic initiatives, enhancing the organization's brand and outreach effectiveness.

Develop For Good

Product Manager

May 2024 - August 2024

Accomplishments:

- Served as the primary liaison between the nonprofit client and a cross-functional team of 5 engineers and 1 designer, coordinating logistics and facilitating clear communication.
- Oversaw project milestones by creating roadmaps, setting timelines, and ensuring the team met deadlines, driving successful product delivery.
- Managed administrative tasks, including documenting progress, organizing project materials on DFG Notion, and coordinating the project handover to the client.

EDUCATION		CERTIFICATES	
Middlesex Community College	2023 - Present	<u>Google Cybersecurity Certificate</u>	2024
Computer Science (3.5 GPA)		<u>AWS Academy Cloud Foundations</u>	2024
Phi Theta Kappa Honor Society NSLS Honor Society			