

John P. Hill - Software Engineer

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OVERVIEW

Passionate software developer specializing in web development with Front-End React, Next.js backend technologies like Ruby on Rails and Express.js. Skilled in creating and integrating RESTful APIs with front-end applications. Committed to Test-Driven Development, clean code, and efficient practices, leading to robust and maintainable codebases. Eager to leverage my experience and passion for creativity to contribute to a forward-thinking development team dedicated to innovation and excellence. Committed to continuous growth both personally and professionally

TECHNICAL SKILLS

Languages/Frameworks: React, Typescript, Javascript, Express.js, Bootstrap, Rails, ActiveRecord, Ruby, Framer Motion, Chakra UI, Three.js, CSS, HTML

Testing: Rspec, SimpleCov, Postman, Cypress

Tools/Workflow: Git, Github, Postman, Rest APIs, OAuth, Firebase, React Router,

Environments: Google Cloud, Cloud Run, Heroku, Vercel

Exposure: Tkiner, Beautiful Soup, Selenium Webdriver, Bash, JQuery, Flask, PostgreSQL

SOFTWARE PROJECTS

Fresh Start Recipes (Mobile Only) | [FE Repo](#) | [API Repo](#) | [Deployment](#)

Team Project

Tech Stack: Ruby on Rails, PostgreSQL, React, Framer Motion, Chakra UI, GitHub, REST APIs

- Built a recipe-sharing app with a Rails backend API and React front end, implementing authentication via API keys.
- Developed advanced filters for ingredients, price, cooking style, and serving sizes by utilizing front-end queries and processing with ActiveRecord on the backend.
- Enhanced the user interface with Framer Motion animations and Chakra UI for responsiveness and interactivity.
- Collaborated via GitHub to maintain clean, version-controlled code and ensure team productivity

Ash Battles: | [Repo](#) | [Deployment](#)

Solo Project

Tech Stack: Express, Javascript, CSS, HTML, Github, ChatGPT API, Pokemon API

- Developed a web-based application where users can view Pokémon battles featuring Ash Ketchum and track his major accomplishments in the Pokémon anime.
- Implemented a CORS strategy to handle filtering on the front end.
- Leveraged the ChatGPT API and Pokémon API to create interactive features and animations, enhancing user engagement.
- Utilized JavaScript's drawing canvas to build a dynamic, screen-size-responsive tournament bracket system.

PROFESSIONAL EXPERIENCE

Customer Engineer, [Everfox](#), October 2022 to Present

Customer Engineer for Everfox (Formerly known as Forcepoint Gov) Cross Domain Solutions (CDS) supporting Airforce and Spaceforce

- Specialized in Cross Domain Solutions (CDS) for Airforce and Spaceforce
- Authored over 500 pages of technical documentation for the Customer Engineer team, detailing installation, setup, and scripting of solutions
- Engineered solution strategies based on customer requirements, ensuring alignment with government guidelines
- Mentored new team members through technical demonstrations and solution installations

Apple Technician, Apple, June 2019 to January 2020

Offering in-person technical support, troubleshooting, and consulting for iPhones and related Apple devices

EDUCATION & IT CERTIFICATIONS

- **Turing School of Software and Design**, Full Stack Program, Denver, CO, June 2024 - Present

- **Bachelor's Degree in Computer Information Systems** at Metropolitan State University of Denver. Graduated May 2022
- Cisco Certified Network Associate (CCNA)
- Completed Linux Professional Institute Certification (LPIC) [101](#) & [102](#) courses
- CompTIA Security+ Certification (SYO-601)
- Information System Analysis (ISA) Certification at a Practitioner level