
TECHNICAL SKILLS

Strong: JavaScript, Python, Product Management, React/Redux, Node/Express, Heroku
Experienced: Django, Ruby on Rails, Angular, Nginx/uWSGI, MariaDB, PostgreSQL, MongoDB

PROFESSIONAL EXPERIENCE

Skillhouse - *Product Manager/Full Stack Software Engineer* Remote | 8/19 – Present

- Manage agile sprints and project planning resulting in meeting project deadlines.
- Develop internal web tools in React JavaScript for frontend with Node on backend for Bayer client.

GITAI Incorporated - *Full Stack Software Engineer* Tokyo, Japan | 5/18 – 5/19

- Developed web user interfaces and log servers with unit tests for robotic and automation applications.
- Built web service architecture with Python, JavaScript, Django, MariaDB, Nginx, uWSGI.

Moov Incorporated - *Web/Mobile Product Manager* Beijing, China, & San Mateo, CA | 12/14 – 4/17

- Led product team of 10 designers and developers leading 6 major product launches across mobile, web, and wearable spaces for a robotic artificial intelligence fitness wearable coach.
- Created bug, task completion metrics, and roadmaps with JIRA Agile tool to manage product team.

Booz Allen Hamilton - *Senior Management Consultant* Arlington, VA and Kabul, Afghanistan | 6/09 – 6/12

- Deployed a Defense Advanced Research Projects Agency (DARPA) Forward Cell in Afghanistan and developed high priority technologies (mobile apps, data science and analytics) to the warfighter.
- Managed \$28 million DARPA technology projects in Afghanistan, resulting in 5+ programs created.

United States Air Force Cost Analysis Agency (AFCAA) - *Business Analyst* The Pentagon | 3/08 – 6/09

- Constructed F-16 aircraft inflation tool with Excel improving 280,000 flying hours over \$4 million/year.
- Estimated A-10 flying hour rates to Air Combat Command at \$160,000 for 40 flying hours.

PROJECTS

Pocket Change Web App - <https://www.pocket-change.jp/en/> (freelance financial technology project)

- Created 4+ frontend web features in JavaScript/React for currency conversion in a fintech startup.

Homads Real Estate Website - <https://www.homads.com/> (freelance real estate project)

- Developed frontend homepage, user surveys, unit tests, integration with Google Map APIs

BlockChain Web App - <https://blockchainreact.herokuapp.com/> (solo personal project)

- Created a full stack web app to build a blockchain and mining transactions in React/Redux/Express.

EDUCATION

MS Mechanical Engineering, Robotics	Stanford University	9/12 - 12/14
MS Electrical Engineering, Embedded Systems	Johns Hopkins University	9/08 - 05/10
BS Industrial Engineering, Operations Research	Pennsylvania State University	9/02 - 12/07

CERTIFICATIONS

Data Science Course	Thinkful	1/20 - Present
Product Management Course	Thinkful	10/19 - 1/20
Advanced JavaScript Immersive Course	Code Chrysalis	1/18 - 3/18

HOBBIES

Using/making gadgets/tools to make life easier, robots, cooking various foods, triathlons, and sci-fi movies