

Joshua Becker

413-544-4853 | joshua.becker91@gmail.com | [linkedin.com/in/beckerjoshua](https://www.linkedin.com/in/beckerjoshua) | github.com/joshuabecker91 | Spokane, WA

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, SQL, CSS, HTML | **Frameworks:** Django, Flask, Node, Express, Spring, Bootstrap
Libraries: React, Redux, React-Router, Socket.io, M-UI, Pandas, NumPy | **Databases:** PostgreSQL, MySQL, MongoDB, SQLite
Cloud: Docker, AWS (ECS, EC2, Fargate, ECR, S3, RDS, R53, ELB, CW), GCP, Gunicorn, Nginx | **CS:** Data Structures, Algorithms
Other: Git, GitHub Actions, Workflows, CI/CD, Linux, Terminal, RESTful APIs, Postman

PROFESSIONAL EXPERIENCE

FATHERS HOUSE | *Software Engineer* | *Remote* May 2022 - Present

- Led end-to-end development and deployment of the Fathers House web app on AWS EC2 with Nginx, Gunicorn, and SSL. Enhanced cross-platform UX with Bootstrap, JavaScript, and CSS, significantly boosting monthly recurring revenue.
- Developed Python-based backend (Flask framework) with customer intake API and seamless Stripe payment integration.

3SISTERS SUSTAINABLE MGMT | *Python Developer* | *Remote* Jun 2021 - Present

- Utilized Python for developing, backtesting, and designing semi-autonomous trading strategies to enhance performance.
- Managed Scarab Global All Cap Fund and US Long/Short Market Neutral Fund, designing core portfolios and employing alpha-generating strategies with options to optimize returns and manage risk.

HOLD BROTHERS, T3 TRADING, SMB CAPITAL | *Equities Trader* | *New York, NY* Dec 2012 - Jun 2021

- Effectively managed firm capital across diverse tactical strategies, skillfully executing entry and exit decisions, and diligently monitoring risk levels. Implemented advanced options strategies to drive returns and outperform the market.

TECHNICAL PROJECTS

ALPHAEXPERT | *Python, Django, React, JavaScript, PostgreSQL, Git, AWS, Docker* | alphaexpert.io 2023

Revolutionary SaaS fintech platform providing members with proven quantitative algorithmic trading strategies.

- Spearheaded the creation of AlphaExpert, a pioneering SaaS fintech platform, emphasizing agile development.
- Engineered backend infrastructure using Python, Django, and REST APIs; oversaw React frontend implementation.
- Orchestrated AWS deployment (ECS, ECR, Docker) with automated CI/CD workflows using Github actions, implemented auto-scaling with load balancing and observability, and enhanced security through SSL certificates.
- Designed and implemented real-time trading algorithms with Python using libraries like NumPy and Pandas, managed PostgreSQL database on AWS RDS, and seamlessly integrated the Stripe API for memberships.

CODETUBE | *Python, Django, JavaScript, SQL, Git, AWS* | [github](https://github.com) | mycodetube.com 2022

YouTube-like platform tailored for software development education, deployed on AWS EC2 with Gunicorn and Nginx.

- Created a tutorial discovery platform that overcomes non-embeddable URLs through a transformation algorithm.
- Implemented secure login/registration in Python, integrating robust validations and strengthening access control.

GOOGLE CLONE WITH ADS | *React, Node, Express, MongoDB, Git, AWS* | [github](https://github.com) | googleclone.com 2022

Google Replica: Full-Stack Integration with Pay-Per-Click Ads using Google's Search API and React, Hosted on AWS.

- Monetized user traffic on the search engine through advertising, ensuring sustained revenue and profitability.
- Engineered a RESTful API with Axios to track user activity, ensure billing accuracy, and manage pay-per-click ads.

EDUCATION

FORMATION | *Software Engineering Fellowship (Full Stack)* Jan 2023 - Present

- Received "Rising Tide" distinction in an esteemed Fellowship, mentored by top engineers from Google, Microsoft, Netflix.
- Mastered JavaScript, React, and theoretical computer science through intensive independent study, pair programming, and mentor-led sessions. Improved codebase with Redux and UI refinements, efficiently resolving bugs.

CODING DOJO | *Full-Stack Software Development Certificate* | *Python, MERN, and Java* Jan 2022 - Sep 2022

NEW ENGLAND COLLEGE OF BUSINESS | *B.S. in Business Administration* 2014