Dan Haber

Senior Software Engineer (full-stack web/web3)

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Collaborating effectively with stakeholders across disciplines to design and build scalable and maintainable full-stack web solutions, from front-end and APIs to devOps and blockchain.

EXPERIENCE

Web3 Startup, Remote — *R&D Consultant*

Jan 2022 – Jun 2022 · 6 mos

- Develop and deploy Terraform configurations for bootstrapping a Polygon-edge POA blockchain, including block explorer and cross-chain bridge relayer.

  ⇨ Polygon-edge, Blockscout, Chainbridge, Docker, Terraform, Kubernetes, EC2, EKS

- Develop and deploy Smart Contracts to support cross-chain bridging, token minting and custom state for off-chain applications.

  ⇨ Solidity, Chainbridge, Openzeppelin, Foundry

- Develop and deploy web services to index and serve Smart Contract events via API to support web2 applications.

  ⇨ Docker, Node.js, Ethers.js, GraphQL, Postgres

LAM Research, Remote — *Software Consultant*

Nov 2020 – Dec 2021 · 1 yr 2 mos

- Design and develop a Dockerized Python pipeline leveraging Azure Computer Vision APIs to assess the risk of new mechanical designs based on similar historical parts data.

  ⇨ Github, Python, Docker, Azure Computer Vision and Custom Vision

- Collaborate directly with business stakeholders, lead QA efforts and iterate quickly to build a tool with the desired functionality under ever-changing requirements.

  ⇨ Communication, Organization

SKILLS

JavaScript
Python
Shell
Solidity
TypeScript
Terraform
GraphQL
React
NodeJS
Docker
Kubernetes
AWS
EVM
Postgres
MySQL
MongoDB
Redis

Autodesk, San Francisco, CA — *Senior Software Engineer*

Mar 2019 – Oct 2020 · 1 yr 8 mos

- Develop and maintain infrastructure components for multiple application backends (DevOps) supporting business-partner integration APIs.

  ⇨ Github, Terraform, Jenkins, Multi-region AWS (ECS, S3, DynamoDB, SQS, VPC, CloudWatch)

- Develop and maintain APIs and backend microservices to deliver sensitive customer data securely.

  ⇨ Node, Docker, AWS Lambda, Kibana

- Maintain communication and visibility among stakeholders to ensure predictable continuous delivery.

  ⇨ Documentation and Demos to disseminate knowledge

Evus Technologies, Las Vegas, NV — *Full-stack Software Engineer*

Sep 2016 – Oct 2018 · 2 yrs 2 mos

- Architected and maintained infrastructure security and scalability for multiple application backends (DevOps), minimizing cost and mitigating risk.

  ⇨ AWS Deploy Scripts (shell, AWS CLI), Jenkins

- Developed and maintained web based admin portals for client applications.

  ⇨ Angular, Node, Docker, AWS (EC2, S3, RDS, ELB, ECS, ECR, CF)

Consulting, Palo Alto — *Technical Consultant*

Jan 2011 – Dec 2016 · 6 yrs

Creating full-stack web applications, custom business software and SaaS/BaaS; from MVPs to scalable production systems.

- Responsive web applications & RESTful API services.

  ⇨ HTML5, CSS3, jQuery, React, Angular, ES6

  ⇨ Node.js, Ruby, PHP, AWS, Docker, Linux

LAM Research, Fremont, CA — *Software Consultant*

Feb 2016 – Jun 2016 · 5 mos

- Built internal-facing software aimed at commodity tracking,

refurbishment and demand prediction. Product has gone on to save LAM Research over $20M.
- Implemented prototypes of web-based internal-facing software, increasing business efficiency and saving development costs.
- Rapidly iterated on features and design, based on real user feedback from users (engineers, buyers and managers).

  ⇨ HTML5, CSS3, Bootstrap, jQuery, Python, Django

Eclincher, Mountain View, CA — *Software Consultant*

Oct 2013 – Mar 2015 · 1 yr 6 mos

- Lead a small team in development and QA of a web-based social media management platform.
- Re-designed and developed UI and UX of flagship components, generating positive testimonials from customers resulting in increased acquisition.
- Maintained front-end architecture and developed a framework to speed up development, minimizing engineering costs.
- Managed projects for third party app integration on multiple platforms.

  ⇨ Wix, Shopify, Bigcommerce

CrestaTech, Santa Clara, CA — *Test Engineer*

Jun 2011 – Sep 2012 · 1 yr 4 mos

- Set up a networked PC farm and miniature broadcasting station for performing automated regression testing.
- Assisted in maintaining and developing a software suite for automation and testing of PC hardware and software.

  ⇨ Perl, Windows Batch

- Worked with a remote development team in Romania, leveraging the time difference to extend productivity.

SignalActive, San Mateo — *Web Developer*

Jun 2010 – Mar 2011 · 10 mos

- Worked with both front- and back-end developers to create a map page displaying traffic and radar-detector activity to users.

⇨ Ruby on Rails, Javascript, jQuery, Google Maps & Twitter APIs

Titan Computer Services, Palo Alto — *Web Developer/Co-founder*

2001 – 2002 · 1 yr

- Created the company's brand and helped manage and develop its website.
- Communicated with customers and worked in a team to diagnose and fix computer hardware problems.