

Jay (Jai) Bhagat

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WORK EXPERIENCE

Fractional Work, New York, NY, *Software Engineer*

June 2023 – Present

Tech stack: JavaScript, Python, Google Gemini, Claude API, ChatGPT, OpenAI API, Perplexity API

- Advised the CEO of a NASDAQ listed company on \$100+ million in acquisition deal flow for Gen AI companies.
- Managed 20+ junior engineers to build applications using Google Gemini and Google Cloud Platform to build several internal applications that impact 200+ patients/month and 20,000+ healthcare documents.
- Led projects to build an admin dashboard and generative workflow application to increase productivity by 30%.

HashiCorp, New York, NY, *Software Engineer*

May 2021 – June 2023

Tech stack: Ember, SCSS (CSS preprocessor), QUnit (Automated Testing), Go

- Led and owned the Nomad UI (70,000 lines of code) immediately upon joining the team as the sole developer of the Nomad UI. Nomad (a Kubernetes alternative) has 14,000 stars on Github; used by 1,000s of applications.
- Resolved 20+ community reported bugs by responding to tickets filed in the open source repository.
- Refactored dense bugs that were associated with multiple long standing, open issues on Github.
- Improved developer experience by reducing build time from 90 seconds to 30 seconds by rewriting legacy parts of the application from Ember Classic to Octane.
- Performed major app upgrades (upgrading by 3 stable releases) to solve multiple open source bug tickets.
- Redesigned breadcrumbs navigation throughout the application impacting ~5,000 lines of code across 70+ files.
- Recruited, interviewed, onboarded and trained a Staff Software Engineer to take lead over the codebase.
- Developed a critical D3 & XState visualization tool following a \$25 million, 73-hour outage, significantly reducing infrastructure issue diagnosis time and preventing future extended downtimes.

HealthVerity, New York, NY, *Fullstack Software Engineer*

July 2020 – May 2021

Tech stack: React, Redux, TypeScript, Node.js, PostgreSQL, SQLAlchemy, Python, Auth0, AWS, Jest

- Created a new application to manage Identity and Access Management across all 7+ product lines.
- Performed 5-7 code reviews per week for 4 team members to maintain code quality.
- Trained 4 team members to learn and use React, Redux, TypeScript for the first time.
- Wrote 20+ API endpoints for Identity & Access Management to be consumed by all 50+ engineers at the company.
- Wrote the core logic of the API (SQLAlchemy and Python); achieved 100% test coverage.

Cityblock Health, New York, NY, *Fullstack Software Engineer*

July 2019 – May 2020

Tech stack: React, Apollo GraphQL, TypeScript, Node.js, PostgreSQL, Knex, Objection, Jest

- Engineered a robust data ingestion script for 10,000+ patients that automated care worker task prioritization, increasing efficiency by ~30%.
- Integrated detailed reporting and alerting, improving response time to data issues by ~60%.
- Reduced key employee onboarding for the IT department from 8+ hours to under 5 minutes by creating a bulk user actions feature and dramatically reduced operational error rates from ~10% to ~0%.
- Owned the end-to-end redesign of the Admin Panel in the care coordination platform.

RELEVANT EXPERIENCE

Amplified Intelligence Academy, New York, NY, *Instructional Design Consulting*

June 2023 – Present

- Designed a semester of intermediate web development curriculum (~90 hours of curriculum) for a university in Oklahoma to be delivered to 100+ students in the program.
- Created a course to teach 90+ entrepreneurs how to use CustomGPTs using ChatGPT.
- Developing curriculum for an artificial intelligence course that will serve ~300 students this fall.

SaaS Sales - Yotpo, Hickory Training (backed by YC), New York, NY, *Account Executive*

2015-2018

- Generated \$3 million in sales pipeline as an SDR; won President's Club at Yotpo; promoted to Account Executive
- Closed \$600K as a full cycle Account Executive with an average deal size of \$12,000 (30% above team average)
- Mentored, trained and developed new sales team members with onboarding and coaching

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TECH TALKS, VOLUNTEERING & INTERESTS

Tech Talks: [Element Modifiers](#) (EmberConf), [Understanding Ember with Design Patterns](#) (EmberFest)

Volunteer: EmberIgnite (raised money for 3 scholarships), Brooklyn Community Services (led campaign to provide Christmas gifts for ~200 kids in Brooklyn)

Interests: Boxing (training for amateur match), Reading (Last 5 books I've read: What is ChatGPT Doing and Why Does It Work, Course Design Formula, The HeartMath Solution, Thinking in Systems, The Body Keeps The Score)