

Vaibhav Verma

Location

San Francisco, CA 94107

Contact Info

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Experience

Software Engineer, Betteromics LLC

Redwood City, CA

January 2022–Present

- Design and implement a zero-to-one product to extract structured data (e.g. cancer stage and biomarker test results) from EHR documents using LLMs.
- Deploy and integrate Label Studio (open source labeling app) for quantitative evaluation of the LLM extraction.
- Migrate customer bioinformatics pipelines written in Redun and Nextflow to the company's managed compute environment on Flyte.
- Work across the entire stack to build demo features for prospective customers under the constraints of a fast paced startup.

Staff Software Engineer, GM Cruise LLC, Ground Truth

San Francisco, CA

August 2017–August 2022

- Built the application used for labeling all of Cruise's ML datasets using React, Golang, Postgres, WebGL, Terraform, Kubernetes, GCS, BigTable, BigQuery.
- Led development of the multi sensor linking system which produces 100MM+ labeled objects each year using an in house 3D annotation tool (imagine a 3D version of Photoshop).
- Collaborated with design, product, and labeling operations to reduce lidar labeling costs by 10x (\$10MM+ per year).
- Supported the unified taxonomy initiative, which introduced a single, configurable labeling taxonomy for all of Cruise's perception datasets. I proposed high level designs, reviewed project plans, and performed code reviews.
- Led development of self service UI and libraries for ML engineers to interact with labeled datasets. This was done as a cross team initiative with other infrastructure teams.
- Conducted 300+ interviews for engineers and engineering managers.
- Organized biannual team hackathons during remote work period to improve team morale.

Senior Full Stack Software Engineer, Etsy Buyer Experience

Brooklyn, NY

August 2014–August 2017

- Early engineer on the team that launched etsy.com, a two-sided marketplace for Etsy's craft supplies.
- Collaborated with several other teams at the company to get features of etsy.com running on a new domain, like our development environment, internal API, transactional emails, checkout experience, and analytics stack.
- Mentored new engineers by reviewing code, writing documentation, alleviating common pain points and improving team process.
- Launched the product confidently through tight deadlines, while depending on the work of other teams.
- Iteratively built a new landing experience for Etsy's marketing emails that ultimately improved conversion rate by 10%.

Education

Rutgers University - School of Arts and Sciences

New Brunswick, NJ

B.S / M.S. in Computer Science, GPA: 3.9, Summa Cum Laude

May 2014