

Vaibhav Verma

Location

San Francisco, CA 94107

Contact Info

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Experience

Staff Software Engineer, GM Cruise LLC, Ground Truth San Francisco, CA
August 2017–August 2022

- Build the application for all of Cruise's human labeling needs using React, Golang, Postgres, WebGL, Terraform, Kubernetes, GCS, BigTable, BigQuery.
- Lead 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).
- Early engineer on the team wearing many different hats - building product features, training new engineers, planning the team's work, improving reliability and team processes.
- Collaborate with design, product, and labeling operations to reduce lidar labeling costs by 10x (\$10MM+ per year).
- Support 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.
- Lead 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.
- Conduct 300+ interviews for engineers and engineering managers.
- Organize 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.
- Set up monitoring for the new site by annotating logs, building dashboards and writing automated alerts.
- Launched the product confidently through tight deadlines, while depending on the work of other teams.
- Optimized the onboarding experience at Etsy incrementally by using A/B tests, working with product managers, designers and data analysts along the way.
- 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