

Dave Anderson

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Polyglot full-stack software developer, striving to leave things better than they were by using the best of engineering practices with agile and XP methodologies, across the stack from front to back and from team to org.

TECHNOLOGIES AND LANGUAGES

- Languages: Python, TypeScript, Ruby, Go, Java, SQL, HTML, CSS
- Technologies: Django, React, GraphQL, Rails, Docker, Postgres, Redis, RabbitMQ, Storybook
- Other: XP, TDD, Lean, Kanban, DevOps, Continuous Delivery, Event Driven Architecture

WORK EXPERIENCE

Stride Consulting - Lead Consulting Software Engineer

Sep 2016-Present

Lead (2022-Present); Managing Lead (2020-2022); Lead (2019-2020); Senior (2018-2019); Software Engineer (2016-2018)

- Embed as a Full Stack developer in ~10 client organizations ranging from early stage startups to 100+ engineers.
- Adapt to client organization norms, processes and technologies to deliver software and foster continuous improvement of technical and collaboration practices, by project, as technical expert, team lead or manager.
- Organize high-functioning teams of ~10 to continuously deliver vertical slices of feature with timelines of ~6 months.

Infosys - Technology Lead

Jul 2006-Oct 2015

Lead (2014-2015), Analyst (2012-2014), Senior (2008-2012) Software Engineer (2006-2008)

- Lead a distributed team of 12 full stack developers for 3 validated applications and manage stakeholders onsite.

SELECTED PROJECTS (see [LinkedIn](#) for full list)

Stride & MoveHQ - Military Moving CRM Approvals & Notifications Platform

2022

- Build events, approvals and notifications platform infra, API, and DSL collaborating with partners across ~70 eng org.
- Leverage platform to enable team and org to quickly deliver end to end use cases on weekly basis.
- Ensure critical metrics to trace distributed Event Driven Architecture are captured and visualized in DataDog.

Stride & Peloton - Commercial Web Delivery & Optimization

2020-2021

- Tune Performance of React app through DataDog Real User Monitoring, React Dev Tools profiling, Webpack bundling, Python API caching to reduce core web metrics like FCP from 4 seconds to ~0.3 seconds.
- A/B test for impact of changes in features, performance, and accessibility on engagement and conversion metrics.

Stride & P|XY - Restaurant Data Exploration

2020

- 2 week Design Sprint for early stage discovery, ideation, and user interviews for restaurant data visualization.
- Implemented a prototype over 6 weeks in React, TypeScript, Django, Graphene and ChartJS.

OPEN SOURCE & SPEAKING

Open source. [Graphene](#) 2019: Triage issues and provide community support. [Revise docs](#). Top 6 of all-time LoC committer.

Speaking. [Talk: PyGotham](#), [PyCon Italia 2018](#), [Tutorial: Pycon 2019 \(github\)](#). Spoke at 3 conferences. Designed and presented a paid half-day tutorial on building performant Relay-compliant GraphQL API in Python.

Podcast co-host. [The Rabbit Hole Podcast](#): ~1,000 weekly listeners, ~2,500 episode peak, 500,000+ all-time downloads. 200+ episodes on topics including: [Functional vs OOP w/ Sandi Metz](#); [Deep Practice & developer growth](#); [Seven Wastes & Lean Development](#); [Roles for Growing a Team w/ Esther Derby](#); [Feedback Loops w/ Pragmatic Programming authors](#)

EDUCATION

Recurse Center. Recurser. *Self-directed study of Python, ML, data analysis & visualization.*

2015

Rutgers University, School of Engineering. BS Mechanical Engineering *cum laude*.

2002–2006