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SELECT EXPERIENCE

Orb — *Software Engineer, Product*
May 2024 - present

Revenue/Finance products
May 2024 - December 2024

- Prototyped and productionized a new OLAP datastore to power [Orb Reports](#) in the first two weeks.
- Rebuilt Orb's accounting and tax integrations for reliability, low latency, and added richer data.
- Built out the first version of [Orb's Simulations](#) feature – allowing customers to preview their revenue.

Enterprise products
January 2025 - present

- Building product features to support in-flight deals and allowing sales to wow their customers.

Asana — *Software Engineer, Product*
June 2019 - September 2023

Integrations Platform as a Service Initiative
July 2022 - September 2023

- Proved out a new way of quickly building integrations with other services through an integrations platform, reducing the eng build time for a new integration from weeks to two days.
- Developed and maintained the production tooling, observability, and on-call rotation.

Domain Migrations/Objects Cloner Owner
December 2019 - March 2022

- Developed the internal framework and infrastructure for an object model duplication technology.
- Built tool to merge Asana instances using it – collaborating with sales, support, engineering, product to provide the optimal experience for many stakeholders.
- Applied this to a system for creating single-use Asana instances with realistic data for sales product demos that show, don't tell, the promise of Asana.
- Identified the need for and built a system to provision large Asana instances for eng testing at scale.

Admin Controls and Consistency Engineer
August 2020 - March 2022

- Built new Admin roles and drove the adoption of and improvements to a new authorization framework.
- Mentored an intern, guiding them through a successful summer internship.

Customer Scaling Engineer
June 2019 - August 2020

- Contributed to our first data-driven product feature, showing the ROI of Asana to IT admins.
- Cleaned up data model tech debt to remove reliance on a single point of failure in our Users model.

University of Illinois at Urbana-Champaign — *TA, Virtual Reality*
January 2016 - May 2019

- Worked to make the landmark Virtual Reality course at Illinois even better. Took on normal staff duties, helping students out in office hours, writing/grading assignments and exams, etc.
- Mentored several teams of students in creating their final project. Guided effective teamwork, VR user experience design and testing, and forays into game development.
- Rebuilt first assignment to expand its scope, introduce students to Unity3D, and help bring non-majors up to speed.
- Revamped the course website to make it more easily readable, accessible, and maintainable.

EDUCATION

University of Illinois, Urbana-Champaign — *BS in CS*
August 2015 - May 2019

I took some courses too, such as Applied Machine Learning, Cyber Dystopia (advanced CS ethics,) Web Programming, Computer Networks, two Computer Security courses, and more.

Last updated October 2023