

Experience

Salesforce.com

Senior Software Engineer SMTS

Aug 2023 – present

- Architecting and developing features to securely identify and delete orphaned volumes at PVC, PV, and EBS levels. Designing and implementing a user-friendly interface for customers to provide prior to deletions.
- Re-architecting cluster tenancy to achieve seamless cluster mobility, enabling the migration of services across clusters with zero downtime to allow for high availability and re-sizing of clusters
- Piloted an MVP Generative AI support channel solution (2.3K users) for an internal hackathon to help reduce 6000+ dev hours/year spent answering customer questions and improve first response time and average response time.
- Reduced number of Security clusters by 84% by helping 75+ security services with unique architectures migrate to our managed compute platform; Helping re-architect orchestration pipelines to automate the build process after migration.
- Saved \$10.5M+/year by implementing Scale from zero for our biggest customers
- Writing a Generative AI Long Range Plan for the Hyperforce compute platform.

Software Engineer MTS

Aug 2021 – Jul 2023

- Saved \$2.3M+/year in storage costs by designing, developing & launching service to safely prune unused orphaned volumes.
- Mapped user journeys, conducted qualitative & quantitative customer interviews, created personas and prioritized JTBD.
- Reduced time for tenant registration by 91% in Dev and 95% in Prod by collaborating to re-design the functionality.
- Collaborated across 6+ teams, created personas, wrote PRDs, prioritized stories and collaborated with PMs, Architects, Engineering Managers to create a developer friendly schema, and allow for configuration management at scale.
- Saved 50% dev hours in rolling out cluster upgrades, integration and cluster configuration changes at scale through above.
- Led discovery sessions, defined KPIs, collaborated with ML/performance teams, and led product development of new CTS features such as Autoscaling on a schedule and Capacity planning.

Software Engineer Associate MTS

Jul 2020 – Jul 2021

- Achieved \$1.9M+/year savings by designing, developing & launching autoscaling Cost to Serve (CTS) initiative.

Software Engineering Intern

May 2019 – Aug 2019

- Reduced 95% critical verification & data retrieval time while deploying new hosts via a host health monitoring dashboard.

Skills: Generative AI, Software Development, Golang, Python, K8s, Agile, JTBD, Scrum, PRDs, Java, HTML, Jinja, UX.

Hack For LA, Home Unite Us (HUU)

Lead Product Manager

Sep 2023 – present

- Writing product roadmap and strategy; aligning with stakeholders, setting goals, and leading project meetings with a team of 4 Product managers, 10 engineers and 2 designers, and managing the project board; mentoring new PMs on the team.
- Writing & reviewing user stories and epics, working in collaboration design for changes and final approvals.

Product Manager

Jun 2022 – Aug 2023

- Created personas for a workflow tool for nonprofits to automate and scale their Host Home initiatives
- Wrote epics, prioritized user stories and worked with design and engineering for the Guest persona from account creation to application submission and onboarding for the MVP tool for nonprofits to automate and scale their Host Home initiatives
- Wrote PRD for calendaring service to schedule interviews and training for guests, hosts and coordinators in HUU

Skills: Product strategy, Market research, Analytical Skills, Project Management, Stakeholder Management, PRD.

Snapdeal

Software Engineering Intern

May 2018 – Aug 2018

- Developed a SaaS application to manage company's OpenStack resources & run critical tasks such as live migration of VMs.
- Built a secure application that could also be accessed directly from a phone.

Skills: Python, MongoDB, Jinja, Bootstrap, HTML.

Orahi

Software Developer Intern

Jun 2017 – Jul 2017

- Developed a Flask application to find common routes amongst users of the ride-sharing mobile application.
- Predicted home and office for 75% of valid users in the given data subset, and weekday ETA, ETD for 40% users
- Analyzed and implemented machine learning models for company's data to find Places of Interest, ETA and ETD.

Skills: Machine Learning, Python, Flask, Data Analytics.

Education

Yale University, New Haven, CT; Major: Computer Science. GPA: 3.73

Leadership and Side Projects

PatientBot: Jarvis for Healthcare, MIT AI conference; Inception studio Build Week

Oct 2023 – Dec 2023

- Built a demo mock for PatientBot, a patient centric AI assistant that provides price transparency, integrates disjointed healthcare info including insurance, MyChart etc and helps patients find and prep for appointments. Built in 4 week nights.

- Got selected for the Inception Studio AI Build week cohort; presented at MIT AI conference with a lot of interest.

Skills: AI, UX, UI, Market Research, Product, OpenAI API, Python, React, Node.js, CSS.

Electronic Health Records (EHR) Summary Generation, Yale LILY Lab, Senior Thesis *Feb 2020 – May 2020*

- Implemented libraries for lab's EHRKit to summarize clinician notes and make them more readable for patients and doctors.

Skills: *Product:* Discovery, Competitive Analysis, Data Analytics | *Engineering:* Natural Language Processing, Python.

Parenthood, Baby Equipment Tech Venture, Co-founder *Sep 2019 – Dec 2019*

- Ideated, analyzed the market, conducted user interviews, & formed a business plan. Developed a website in 4 weeks.

Skills: User Research, Competitive Analysis, UX, MongoDB, Express, React, Node.js, Bootstrap, CSS.

Perception of Chasing in Real Life, Intelligent Robotics Lab Project at Scazlab *Sep 2018 – May 2019*

- Created a study to analyze the Psychophysics of Chasing in the real world by mapping paths using Sphero robots.
- Conducted research and analysis on wolf and sheep identification based on the 60 responses received from users on MTurk.

Skills: Intelligent Robotics, JavaScript.

Design for America at Yale, Project Director & Team Lead *Apr 2017 – Apr 2019*

- Managed 4 multidisciplinary teams collaborating with New Haven community partners to build solutions for pressing issues.
- Led team of 5 MBA & undergraduate students; conducted market analysis with 150 patients; prototyped solutions.

Skills: User Research, Human Centered Design, Prototyping, A/B Testing.