
LALIT M CHAWLA

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PROFESSIONAL SUMMARY

- Demonstrated success in building products from scratch for 2 startups scaling from MVPs to thoughtfully designed long-lived systems resulting in Series A funding for both.
- 8+ years of software development experience including 4+ years in leadership roles.
- Undergrad in IT from a top-tier university in India (2013), Masters from University of Texas at Austin (2023).

SKILLS

- Backend: Python, django, flask
- Frontend: ReactJS, nextJS, Tailwind, Typescript
- Devops: Ansible, kubernetes, Grafana, Prometheus, ELK Stack
- Databases: Postgres, MongoDB, Pinecone, neo4j
- Cloud: Vercel, AWS(S3, EC2, SQS, Lambda, CodeCommit and CodePipeline, Bedrock, Sagemaker)

WORK HISTORY

Founding Engineer, Summio 09/2023 - Current

- Developing AI-powered SDRs for automating lead qualification and personalized email generation. (*OpenAI, Langchain, python, zapier, Streamlit, LLM, RAG*)

Engineering Manager, Saara (Techstars '19) 08/2021 - 04/2022

- Hired and managed a team of 12 engineers to power Return Analytics products using shopify orders and returns data.
- Implemented modern software development practices, including comprehensive testing, version control, and automated CI/CD and monitoring to enhance the development lifecycle and ensure efficient and reliable software delivery. (*Docker, kubernetes, grafana and prometheus*)
- Responsible for institutionalizing and maintaining processes like code reviews to ensure high technical standards across the team. (*AWS IAM, SageMaker, S3, Glue, Lambda, CodeCommit and CodePipeline*)

Sr. Software Engineer, Saara (Techstars '19) 08/2020 - 08/2021

- Built a product - *Ecoreturns* from scratch and launched the first version to shopify that was used by 3k+ e-commerce stores impacting close to 4M+ orders during my employment. (*Python, Django, ReactJS, nextJS, Tailwind,, shopify-polaris*)
- Integrated *SAP* into *Ecoreturns* for enhanced operational efficiency.
- Utilized clustering and recommendation machine learning algorithms to develop tailored product recommendations on our customer's websites, while also designing and executing campaigns leading to a 20% increase in customer engagement. (*python, pandas, numpy, xgboost*)
- Created an incentive engine to reduce return rates by predicting *minimum willingness to accept* for a dissatisfied customer, enhancing customer satisfaction and encouraging behaviors that minimize returns.
- Implemented a fsystem that reduced fraud-related refunds by 10%, effectively flagging fraudulent return requests.

Technical Program Manager, Techstars 03/2020 - 08/2020

- Hired as the sole technical program manager by techstars as part of a newly formed "talent-flex" team to provide mentorship in software architecture planning, cloud services and building software teams as an exclusive offering to Techstar's portfolio companies.
- Played a pivotal role in the hiring, onboarding, and management of remote teams, serving as the central resource for planning and architectural decisions for teams lacking a full-time technical co-founder.

Founding Engineer, Crelytics 01/2019 - 12/2019

- Developed a SAAS solution and underwriting models to help microfinances and NBFCs in India provide financial inclusion to students with low-credit scores of parents by utilizing alternate-credit parameters. (*python, pandas, django*) .

- Acted as interim-CTO to perform market research, develop product roadmap and business plans and represent the organization in investment meetings leading to acceptance into Alchemist accelerator.

Engineering Lead, CronAI (Techstars '17)

10/2016 - 01/2019

- Developed cutting-edge anomaly detection product - *Micron* for intrusion predictions using a combination of computer vision, Lidar and statistical analysis. (*python, pandas, numpy, dbscan, SVM*)
- Hired and managed a team of 9 data scientists and software engineers, setting strategic direction for three product lines leading to our first 30 enterprise customers leading and series A funding within 9 months.
- Developed a robust interfacing framework , streamlining data acquisition and analysis by efficiently integrating and processing information from diverse low-level sensors through a sophisticated data analytics pipeline. (*python, pyserial and Kafka*)
- Developed web application frameworks enhancing the user interface and experience. (*nodeJS, expressJS, redux, reactJS*)
- Monitored and logged API activity using *AWS CloudWatch, grafana and prometheus*.
- Established a Test-driven approach for developing the application and implemented the unit tests using the Python Unit test framework.
- Responsible for representing team members in annual performance reviews, making personnel decisions, resource allocation,mentoring teammates to help them grow, providing targeted feedback and fostering team camaraderie.

Software Developer, Veddish Advisors

06/2013 - 10/2016

- Developed and maintained APIs for India's first social giving platform, facilitating seamless interactions between NGOs and donors. (*python, flask*)
- Utilized AWS technologies (*S3, EC2, Lambda*) for deploying and managing applications, ensuring scalability and performance.

EDUCATION

Master of Science: Technology Commercialization, 05/2023

University of Texas At Austin - Austin, TX

Relevant Coursework : Managing Product Development & Production, Leadership and Innovation Management, Software Project Management,

Bachelor of Science: Information Technology, 06/2013

NSIT(Netaji Subhas Institute of Technology) - New Delhi

Relevant Coursework : Software Modeling & Architecture, Software Verification & Validation,Analysis of Algorithms