

Satmeet Ubhi

satmeet.ubhi@gmail.com • linkedin.com/in/satmeetubhi

Engineering Executive

A seasoned engineering leader with 16+ years of experience, I have led teams in the development of cutting-edge AI solutions, including **AI agents**, **Generative AI**, and **large language models**. I've successfully led complex migrations and optimized infrastructure to enhance product functionality and drive innovation. My experience also includes guiding engineering teams through **acquisition**, ensuring a smooth business transition.

WORK EXPERIENCE

Workday (Evisort Acquisition)

10/2024 - Present

Senior Engineering Manager

- Faced the challenge of rapid team expansion to support the Workday integration, led the hiring and scaling of a new overseas and remote teams, implemented a strategic re-organization, and successfully reduced operational costs while increasing development velocity by 20% to meet critical project timelines.
- With an opportunity to leverage Evisort's AI in new Workday modules, led the custom integration of our LLM-based AI with Workday's Accounting Agent and Policy Agent, and drove innovation that delivered superior value to customers by automating complex tasks and significantly improving user experience.
- Addressed the technical challenge of scaling the Evisort platform to meet high-volume enterprise demands from Workday, led a team-wide initiative on operational excellence, implemented new processes for monitoring and performance, and successfully scaled the platform, resulting in improvement in uptime and latency metrics, and fair scheduling of workloads.

Evisort

10/2019 - 10/2024

Director of Engineering/ Principal Engineer • Full-time

- Led the development of a groundbreaking AI Agent solution in legal tech, addressing an unmet market need by enabling customized document analysis and metadata extraction. Directed a cross-functional team to build an in-house large language model (LLM), positioning the product as a key differentiator and a critical competitive advantage that contributed directly to significant sales goals.
- Built and managed a high-performing team, including engineering managers. I recruited top talent, coached engineers for performance, and promoted key individuals, which ensured alignment with business objectives and consistently delivered on strategic goals.
- As a Principal Engineer, I architected and implemented key platform infrastructure, leading the migration from a legacy monolith to a scalable, enterprise-ready microservices architecture. My work included defining and utilizing modern **architectural patterns**, developing a robust authentication service, and engineering the inaugural public API, which secured contracts with major enterprise clients. I also leveraged **automation** to build and test data processing pipelines for NLP and LLM algorithms and a two-way data synchronization system, all of which enhanced platform stability and enabled new revenue streams.

SKILLS

Agentic AI, Agile Methodologies, AI Agent, APIs, AWS, Bash, Cloudformation, Containers, Cross-Functional Collaboration, Data Engineering, Django, Docker, DynamoDB, ECS, ElasticSearch, ETL, FastAPI, Flask, Generative AI/ML Systems, Go, GraphQL, Groq, gRPC, Kafka, Kubernetes, Lambda, Leadership and Team Management, LLM, LLMs, Microservices, MySQL, OpenAI - ChatGPT, PostgreSQL, Python, Redis, S3, SDLC, Serverless, SQS, Streaming/Event driven systems, Technical Strategy and Roadmapping, Terraform, Web Services

PUBLICATIONS

The effects of the glutamate agonist BMAA on the walking behavior of adult fruit flies

07/2010

OXFORD UNIV PRESS INC

<https://sicb.org/abstracts/the-effects-of-the-glutamate-agonist-bmaa-on-the-walking-behavior-of-adult-fruit-flies/>
https://hero.epa.gov/hero/index.cfm/reference/details/reference_id/7451050

EDUCATION

M.S. Computer Science

California State University
Fresno, CA
GPA: 3.8/4.0
01/2010

Upstart

05/2021 - 12/2022

Principal Engineer/Engineering Manager

- Identified bottlenecks in the software development lifecycle, leading to slow project delivery and inconsistent developer environments. Led the platform team to develop and launch a suite of essential developer productivity tools, including a containerized local development environment, streamlined developer setup, and automated code linting. This initiative drove a 20% increase in developer efficiency, accelerated project delivery by 15%, and significantly improved consistency across engineering teams.

Chegg

09/2017 - 10/2019

Staff Software Backend Engineer

- The user-submitted content validation and suggestion system required real-time processing and a scalable, fault-tolerant architecture. I architected and implemented a microservices-based grammar and plagiarism checker using event streams (SQS, Lambda) and web sockets to provide real-time feedback. This system processed over 1,000 requests per second, ensuring a seamless user experience and directly supporting the core functionality of the product. (<https://writing.chegg.com>)
- The AI/ML teams lacked a streamlined process to deploy new models and experiment efficiently in production. We built tooling and pipelines, and set up infrastructure on AWS using CloudFormation and CI/CD pipelines for both engineering and ML teams. This enabled the teams to quickly deliver new models and perform A/B experiments, accelerating the innovation cycle and increasing overall productivity.

Percolate Inc.

04/2016 - 09/2017

Senior Software Engineer

- As a lead software engineer, designed and implemented a multi-stage, event-based data pipeline for analytics using **Kafka** and **Elasticsearch**. Developed a versioned schema design for a canonical data model, which was crucial to the system's evolution. My work included building integrations with **Twitter** and **Facebook APIs** to ingest user metrics, providing a holistic view of user engagement and transforming raw data into actionable insights for the business. This strategic initiative laid the foundation for advanced analytics and reporting capabilities.

nOps.io

11/2015 - 04/2016

Lead Software (Founding) Engineer

- As a founding engineer, was involved in the project from inception to its first (beta) release and worked with stakeholders directly and broke down requirements into engineering tasks. Built and managed a team of 8 engineers.
- Architected, Designed and Implemented a scalable solution for providing visibility into cloud infrastructure security, billing and aggregating data to set up alerts and notifications, tracking real-time changes to infrastructure and capturing all the activities.

Seagate Inc.

07/2013 - 10/2015

Staff Software Engineer

LucasFilm Ltd

01/2012 - 01/2013

Software Engineer, FullStack

Pelco (Schneider Electric)

01/2009 - 01/2012

Software Engineer II

Infosys Technologies Ltd

01/2006 - 01/2008

Software Engineer

Bachelor of Tech. Computer Science

Punjab Technical University
01/2006

CERTIFICATIONS

AWS Certified Solutions Architect - Associate

AWS