

## Profile

12+ years of experience in building business critical systems across leading tech enterprises. I specialize in creating large scale applications, ML models, infrastructure and tooling that processes massive data and/or supports high QPS services. I have been a founding engineer and architect for several such systems and have a unique blend of strong backend and ML experience. I have also consulted with startups on their API design and architecture.

## Work experience

### **Uber - Tech lead, Staff Software Engineer** (April 19 to Present - Palo Alto, CA, USA)

Lead engineer in Uber's ML platform team (Michelangelo) running Blackbox Optimization and Embeddings Platform at Uber. I am currently working on creating Uber's first two tower based embeddings for UberEats home feed relevance. I also contribute to the Feature store, training efficiency, workflow customization and onboarding clients to Michelangelo. Previously, I worked in the FinTech group where I was responsible for building ML models which helps decide distribution of Uber's annual global investment for optimizing key metrics across different regions.

### **LinkedIn - Tech lead, Architect, Staff Software Engineer** (Feb 14 to Mar 19 - Sunnyvale, CA, USA)

Have played multiple critical roles. Most recently was an engineer in the career relevance team where I was responsible for building ML models, tools and infrastructure to support career relevance. In the past, I have been Techlead and architect for Hiring Platform, an ATS offering by LinkedIn, where I designed several mission critical projects like Rules engine, Notifications platform, Jobs Targeting and Sourcing channel integration. In addition, I was also one of the 10 Data Model Review Committee leads at LinkedIn who review and approve API changes across the company and help set tech strategy for APIs at LinkedIn.

### **Google - Software Engineer** (Oct 12 to Feb 14 - Mountain View, CA, USA)

Worked in Payments where I was responsible for overseeing Google Wallet's integration with Google's auth infrastructure. Also worked and contributed to the "kill switch" project which enables minting proxy cards associated with one payment instrument and bulk disabling them when the original payment method is deleted.

### **Amazon - SDE 2** (Aug 10 to Sept 12 - Hyderabad, AP, India)

A founding engineer and architect for the Transportation Invoice Processing System (TIPS) which introduced auditing and approving payments to freight invoices. The platform processed large scale data and standardized heterogeneous invoices into standard charges, so they can be uniformly processed through a workflow.

### **Directi - Software Engineer** (July 09 to July 10 - Mumbai, MH, India)

Worked in a team which built an XMPP based chat server. Was associated with improving efficiency of the service to utilize minimum systems resources to make serving a request more efficient.

## Approved Patents

- [US 2016-0352860 A1](#): Crowdsourcing Entity Information.
- [US 2016-0350875 A1](#): Automatic Initiation for generating a Company profile.
- [US 2016-0132832 A1](#): Generating Company Profiles based on member data.
- [US-2016-0350877-A1](#): Determining an omitted Company page based on connection density value.

## Major Accomplishments

- Scored 100% marks in mathematics and received the certificate of merit for being in the top 0.1% of the students in India in the High school AISSCE examination.
- Finalist in Opensoft 2008 after being shortlisted in the top 20 teams in India for amazing project ideas.
- Solved 90+ SPOJ problems.
- 2nd position in 5 Topcoder design contests.
- Kaggle bronze medal winner for Tweet sentiment extraction contest

## Education

Bachelor of Technology in Information Technology, IIT Allahabad - CGPA 8.7/10. School year - 2009

*I hereby declare that the above information is true to the best of my knowledge.*