



Akash Singhal



Entrepreneur • Engineering Leader • Architect

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I am an Engineering Leader and a serial SaaS entrepreneur with 10+ years of professional experience in System designing and cross-functional development. My expertise lies in developing scalable Technology Architectures, creating tangible impact in the business growth.

EDUCATION

IIT Bombay

BTech + MTech(Dropout)

Jul '11 - Jun '16

EXPERTISE

- SaaS Design/Architecture
- Strategies & Research
- Roadmap & Budget Planning
- Business Intelligence
- Compliances & Process Improvements
- Development Operations
- Cross-functional Collaboration
UX, Backend, DevOps, QA
- Product Management

TECHNICAL SKILLS

Web Frameworks:

Node • Angular • React • D3

Networking:

Socket • XMPP • Serverless

Databases:

MongoDB • SQL DBs

Languages:

Python • PHP • Java • Matlab

DevOps:

AWS • Azure • GCP • Docker

ARM Architectures:

Raspberry PI • PandaBoard

ACHIEVEMENTS

- Mountaineering
 - Basic - A-Grade
 - Advanced - A-Grade
- 1st - PAF, IIT Bombay, 2014
- Limca Record, Rubik's Cube
- Robocon 2011, Semi-Finalist

PROFESSIONAL EXPERIENCE

Engineering Manager

Drishti AI

San Francisco, US (Remote) • Jul '16 - Ongoing

- Led the key developments e.g. Collaboration Tasks, Licensing, AI based Camera Motion detection and analytics
- Collaborated with CXOs, PMs and CSMs for the quarterly roadmap and sprints planning and day-to-day execution

Tech: Python, FastAPI, Vue, Docker, Kubernetes, GCP

Founder & CEO

OneLXP - ILLUMNUS®

Pune, IN • May '18 - Dec '21

- Built SaaS based \w-age LMS for premier schools, generated \$60k revenue serving 120+ clients in 3 continents, 2M+ content shared
- Raised \$180k, Semi-Finalist at Meet The Drapers, US (World's Top 9 innovative startups), Successful crowdfunding, Led team of 30+

Tech: Node, Mongo, Express, Redis, Socket, React, Angular 8, Kotlin, Swift, AWS

Technology Architect

MyGlam

Mumbai, IN • Jul '16 - Nov '17

- Designed and Created the core API Gateway and ACL handling 2M+ API requests/day, directing traffic to 15+ Microservices
- Remodelled Monolithic to high-throughput distributed architecture

Tech: Node, Postgres, Java, Lambda, Mongo, Express, Redis, Socket, Angular 4

Cofounder & CTO

Medd (Acquired by Tata 1mg)

Mumbai, IN • Mar '15 to Jun '16

- Spearheaded Product & Engineering front of the company; Products:
 - Medd: Diagnostics Marketplace & eHR (18K+ Paying Users)
 - Cerebrum: SaaS-based Lab Management Software (12 Labs)
- Raised \$150K as the last round, onboarded/led team of 18 people

Tech: Node, Mongo, Express, AngularJS, GCP

OTHER EXPERIENCES

- SaaS Architect - Emirates National Bank of Dubai 2017
- Google Summer of Code (Org: ASCEND) 2015
- Full Stack Developer - Leaf IoT (Acquired by Grey Orange) 2014
- Product Developer Intern - The Acquisition Group, Canada 2013
- Web Lead + System Administrator - IIT Bombay, Mumbai 2012
- Crypto Investor & Blockchain Evangelist Since 2016