SAGUN GARG

sagungarg.com | **BLOGS:** Startups | AI-ML | Crypto/Fintech

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PROFESSIONAL EXPERIENCE **13+ YEARS**

Polymath AI Pte Ltd. [0research.com] Singapore, July '19 – till date

Role 1: Chief Technology Officer

- **Project: Portcast.io** (Singapore): Onboarded in Dec 2020. [Recently Raised: USD $3.2 million] Turned around the tech platform for AI/ML predictions for ETA in ocean maritime container tracking by scaling 10x container volume from POC-MVP to Series A level product. Empowered the CEO to focus on closing customer accounts, bring investor confidence to raise pre-Series A funding and craft a fortune 500 enterprise customer driven product roadmap.
- **Project: Learnreel.com** (Hong Kong:) Onboarded in March 2020. [Recently Raised: USD $1 million] Turned around the low touch automated content publishing platform and pivoted into a short video ed-tech platform. Laid the rails for an NLG(natural language generation) AI authoring platform using hugging faces & GPT-2. Built a multilingual platform (4 markets in SE Asia) which leverages a seo driven content strategy like medium.com focussing on career and ed-tech space.

Role 2: CTO in Residence for early stage ideas

- **NEC Labs:** Selected as a solopreneur after presenting at NEC Hackathon Dec 2019. In the capacity of Founder in residence worked on one of the 3 technologies of NEC Labs in the area of healthtech using AI/ML to collect data streams from IOT sensors to help build a spin off venture for research labs as customers, prototyping feasible MVPs to present to customers to commercialize the technology in the SEA market.
- **Entrepreneur First:** Partnered up with the CEO in Oct 2019 as an external co-founder in the capacity of a technologist to build prototypes for Lexi, an online remote work collaboration platform.
- **Antler:** Selected to join a cohort of 100 entrepreneurs at the start of July 2019 from 33 nationalities, a selection rate of 3% of 3300 applicants. Completed 8 Hackathons, tinkered with 3 startup ideas in AI/ML space along with 3 co-founders by prototyping MVPs in line with coach expectations. Invalidated 3 business models to finally zero in on an AI/ML data catalog search engine for metadata.

Nexchanges Technology Pvt Ltd. [nexchanges.com] Mumbai, September '13 – June'19

Role 1: Chief Technology Officer, Co-Founder

- Raised 175k$ USD as pre-seed round from Singularity Ventures, friends and family to create a proptech price discovery platform for 20+Indian cities with a team of 20+ team members. Exited the venture by selling the tech. privately to an institutional proptech platform.
- In CTO capacity, architected a polyglot platform(concurrent 10k DAU) & built a team of 10 devs & 4 team leads to create a B2C OyeOk App on Android/iOS/WebApp platforms powered by functional backend in Erlang/OTP. The ML/AI property price discovery platform was engineered by him in AWS with 50+ data pipelines powering 100k+ weekly updated price indices powering price indices in 20+Indian cities

Role 2: Board Observer @ Black & White PR LLP

- Proactive hands on guidance to scale the venture to a cumulative GMV (3 years) of USD $100million @1% brokerage fee in Proptech sales. The team architected a tech-portal, lead generation and deal-making tech platform to grow a team of 25 sales people.
- Quarterly supervise check ins with 4 incubated sweat equity entrepreneurs who were managing 12 micro-markets with 5 offices to enable end to end deal making operations for the tech-portal sourced deals.

EDUCATION

Year	Examination	Institution	Marks Obtained
2020 - tbc	[Micromasters] Data Science & Statistics	Massachusetts Institute of Technology [MITx]	77/100
2009	[UG Degree] B-tech Computer Science	DA-IICT	8.21/10

HACKATHONS/COMPETITIONS

- Hackathon NEC Labs Singapore- Dec 2019 | Hackathon at IIT-B Mumbai, Jan 2015 | Ideathon at Web-Summit, Ireland, Nov 2014
- Competitions: CIIE – IIM-A, Startup Idea: Mobile Banking, 2008 | Intel Program, 2008 | IIT-JEE Mains AIR 8787, Jun 2004.

TECH STACK/DATA ENGINEERING

- Functional(Erlang/OTP), OOPs(Python/Java), Design patterns, Distributed systems (Fault tolerant), iOS/Android, Angular/Vue.js/React.js/Ionic, Scrapy, GraphQL/REST, API/SDK, Docker/K8s, Serverless, CI-CD(DevOps), Fuzzy Testing, Monolith to microservices architecture, Datadog/Sentry, Terraform, Cloudformation, Data pipelines,
- AWS/Google/Azure, EC2-ECS, Fargate/K8s/Dask, BigQuery, Athena, AWS Glue, Insights, Postgres, AWS S3, Azure blob storage
- KNN, MLE, K-Means, LR, Feature Extraction, PCA Analysis, Needleman–Wunsch, HuggingFace/Transformers, GPT-2
- Data Lake/Data Warehouse, Spark/Hadoop, Prefect-Dask/Airflow, Clickhouse/Druid, Kafka Streams/Faust/Kinesis, SQL/NoSQL

ECOSYSTEM TECH ADVISORY ROLES

Angel Investments x 10 Crypto/Fintech+ 4 Deeptech | Investment Committee at Angelschool.vc | Tech Due diligence for US startups