

MATHAN KUMAR

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SUMMARY

Tech enthusiast with 10+ years of experience across stacks - Backend, Frontend, Infra, Mobile App, Machine learning and different roles - individual contributor to team lead. Exceptional problem solver with the ability to quickly master the new skill, technology or role.

WORK EXPERIENCE

Engineering Lead, Merge **Nov 2022 - Present**

- Re-architected the existing platform to improve the performance from **3 TPS to 100 TPS**
- Designed and implemented scalable architecture to integrate with multiple bank providers to provider multi currency platform

Software Engineer, Google **Mar 2020 - Nov 2022**

- Designed, Implemented, Mentored on various functionalities of Risk Platform
- Designed strategy for migrating review tool from legacy to global tool and migrated over **a million** records using ETL pipelines

Lead Platform Engineer, Paysafe **Mar 2017 - Mar 2020**

- Led the blockchain initiative project with a **team of 15+ people** in Backend, Mobile & QA
- Created prototype platform for end-to-end ML lifecycle and built and deployed modals for Fraudulent Transaction Predictor in the platform
- Mentored peers on initiatives like Chatbot, Blockchain frameworks evaluation including Hyperledger & Ethereum

Chief Architect, Terareach **Sep 2015 - Mar 2017**

- Built Social Profile and Content Crawler Engine using Social Media APIs & Web crawlers
- Categorized the social profiles based on the content generated by the influencers across platform using ML

Software Engineer, Microsoft **July 2014 - Sep 2015**

- Part of Imaging & Graphics team in MS Office for Android
- Demonstrated the prototype of **Virtual Reality PPT slideshow** using Google Cardboard SDK

SDE Intern, Amazon **June 2013 - Aug 2013**

- Understood the working of an existing internal tool in Perl & migrated it to modern interface with technologies like Ruby on Rails, jQuery, Amazon UI.
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SOFTWARE SKILLS

- **Backend:** Golang, Java, Python
- **Frontend Frameworks:** ReactJs, Angular 2
- **Mobile Frameworks:** Flutter, Android
- **Datastore:** MySQL, Spanner, Kafka, Druid
- **Cloud Platform:** AWS
- **Infra Automation Frameworks:** Terraform
- **Blockchain Frameworks:** Stellar
- **ML Frameworks:** Scikit, H2O, Spark-ML