ARVIND KUMAR C

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ABOUT ME

Once an Engineer, Always an Engineer.

17+ years of design / development & delivery experience. Business driven data-science practitioner.

Loves Minimalist Architecture, Agile Practices, Functional & OOPs.

Bored by the everyday tasks that would 'become' monotonous. Energetically embrace the unknown with confidence.

EXPERIENCE

01

2021-Now
Fluxon. Global team of world-class engineers, x-googlers. Product + Services. Engineering Manager Lead for Crypto, ADM and many other projects.

02

2016-2021
Delium. Co-founded. Chief Engineer. Building solution that would help businesses to automate their core operations. Data Analyst + Development
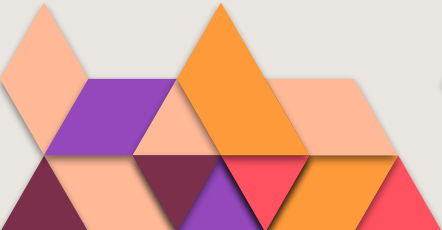
03

2010-2015 & 2016
ThoughtWorks, Lead Consultant leading development for different clients across the globe. Pioneered in Agile Practices.

04

2006-2010
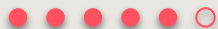Stepping stone, most of the strong base is built here.

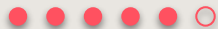HCL [Alcatel-Lucent] - Services to monitor at realtime for leading Telecom equipment provider
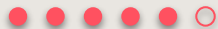
SKILLS

Java, Python, NodeJS ● ● ● ● ● ○

R, Pandas ● ● ● ● ● ○

Go, Ruby (Rails) ● ● ● ● ○ ○

Redis, ElasticSearch ● ● ● ● ● ○

PostgreSQL, MySQL ● ● ● ● ● ○
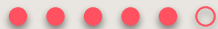
Docker ● ● ● ● ● ○

Android, Swift ● ● ● ● ● ○
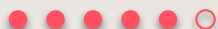
Nginx, Apache ● ● ● ● ● ○
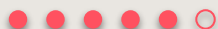
Firebase, G BigQuery ● ● ● ● ● ○
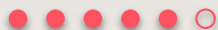
Infrastructure Automation
(Terraform, Ansible) ● ● ● ● ● ○

Agile/XP, CD, TDD Practices ● ● ● ● ● ○

Automation Testing
(Selenium, Cucumber, Playwright) ● ● ● ● ○ ○

GCP, AWS, DigitalOcean ● ● ● ● ○ ○

Prometheus, Grafana ● ● ● ● ● ○

Engineering Manager Lead

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Firebase, NodeJS, ReactJS, PostgreSQL, GCP, Terraform, BigQuery

Fluxon   **2021-2023**

- Android Device Management API based Tablet Fleet control system to solve different Kiosk level requirements at various Google offices (avg 5-6 member team).
- Large-scale Crypto backed Gaming platform along with Superlayer team. Technical Architecture, Design and Development.
- Scaling load testing application to support 10k concurrent users in browser testing, with a smaller team of just 2 members (including me).

Chief Engineer

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R, Python, Java, Go, Spring Boot, ReactJS, PostgreSQL, Docker, AWS, DigitalOcean, Ansible

Delium Technologies   2016-2021

Chief Engineer

- Building large scale enterprise solution which learns from data and delivers predictions in a consumable format.
- Prediction analytics is a bigger chunk of its own in parallel to the other bigger chunk of all colocated services to work in tandem at the given scale.
- Lean architecture, mostly avoid too many moving parts, gave a great insight for simpler solutions in such large architectures.
- Create sales pitch decks for new prospects,
- Customer Support + Engagement.
- Contact third parties to work along with mutual APIs to achieve lesser downtime and better scalability.
- (cntd)

Chief Engineer (cntd)

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Delium Technologies   2016-2021

Chief Engineer

- Providing indents to 25k (~12%) of Indian ATMs with our recommendation to load everyday. This is 1 in every 7 ATMs across India. The system is accessible by authenticated users from anywhere on any device. Managing ATM Models, Prediction models, cumulated recommendations across and split them to each location, delivered to involved parties directly via email. Watchers that notify about abnormalities in and out. Automated data pipelines via incoming emails, APIs etc,.
- Lean architecture, most of it handled by built in java + python services and data models built in R.

Lead Engineer

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Apache Storm, Java, NodeJS, AWS Kinesis, SQS

Some Services Startup   2015-2016

Lead Engineer

- Target user based promotions based on past history, both their online presence and offline purchases. The solution is for one of the largest shopping malls in India across all their locations.
- The integration starts from a simple Android application which is identified and used by Wifi-sniffers (which is built by a third party, the all of android side). This data gets into a AWS Kinesis stream which constantly records and sends this information to Apache Storm Consumers which does the actual business logic. Finally beaming this insights back to a user service that either delivers or accumulates for later based on user preferences.

Lead Consultant

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Ruby on Rails, Go, **Java, Scala, Clojure,** Ansible, .NET,

ThoughtWorks Technologies   2010-2015

Lead Consultant

- Services company, much of a learning went here on simple daily practices and to streamline them to focus on delivery.
- Amplify - Education Tablets for K12 children. Solution is focused on Material preparation for Teachers, Monitoring and Administration portal for tablets held by the school/department.
- Justickets - Aggregator service to sell movie tickets for box office and end consumers. Scales to **200+ req/min with 6-10ms response time.** Built with Go, equivalent Java service scaled well here. Developed with a 5 member team.
- (cntd)

Lead Consultant (cntd)

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ThoughtWorks Technologies   2010-2015

Lead Consultant

- AbCam - Antibody Cambrige who is an world-wide provider of antibodies, needed a solution to maintain their online order management. C#.NET for the first time, still remember how LINQ was a forerunner for lamda.
- MoTech Ghana - Service to help pregnant women to follow the right schedules through their pregnancy period. **SMS and Call based automated support using Decision Trees.** Funded by Melinda-Gates foundation and Gramin Foundation. Apache ActiveMQ, mySQL, Java service
- Standards and Poors Audit Tool - Excel to system understandable conversions and deliver solution that helps the auditing team. Shorter project.

Lead Engineer

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Java, Eclipse RCP, JfreeCharts, JBoss

HCL Technologies   2007-2010

Lead Engineer

- Alcatel Lucent's AMS: AMS is the next-generation element management system for the ISAM broadband access product family (DSL and fiber-based access)
- Implemented Performance Monitoring System that helps to receive the broadcasted performance + fault events, display them in a configure + monitoring system.

Software Developer

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Java, Hibernate, Spring, Struts, Javascript, DOJO, Oracle 10g

Aavanor Systems   2006-2007

Software Dev

- TLM - Comprehensive suite of Health care management system for Hospitals, suiting Administration/Maintenance for both Hospital and Patient Management.

THANKS!

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