CHIEF ENGINEER / FULL STACK DEV / 15+ Y

Arvind Kumar C

PROFILE

- Was **Chief Engineer/CTO** at Delium Technologies, Chennai.
- **Full stack**, functional enthusiast, Business driven **data-science** practitioner, lover of **minimalist architecture**.
- Agile/Scrum, Continuous Delivery, TDD practices.
- **15+ years** of experience in software design, development and delivery.
- Bored by the everyday tasks that 'becomes' monotonous. Energetically embrace the unknown with confidence. Strive to automate the most repetitive ones.

SKILLS

Programming:	Java, Python, R, Kotlin, Golang, Ruby, Clojure, Javascript
Frameworks:	Spring, Spring Boot, Hibernate, SQLAlchemy, Play Framework
DataScience:	Pandas, R Data.Table
UI Frameworks:	ReactJS, jQuery
Build Tools:	Gradle, Bower, Webpack
NLP:	Spacy, Rivescript
DBMS:	PostgreSQL, MySQL (MariaDB), Redis, CouchDB
Testing:	JUnit, Selenium, Cucumber, Jasmine, Gatling
Platforms:	Docker, Kubernetes, Digital Ocean, AWS
Streaming:	Apache Kafka, AWS SQS, AWS Kinesis, ActiveMQ, JMS, Firebase
Web/App Pltfm:	Tomcat, JBoss, Apache, Nginx, Gunicorn, Passenger
Monitoring:	Prometheus, Grafana, ELK
Mobile:	Android, Cordova-React

EXPERIENCE

CHIEF ENGINEER, DELIUM TECHNOLOGIES   MAY' 2016 - SEPT' 2021

AI DRIVEN BUSINESS INTELLIGENCE - FINANCE AND RETAIL

TECH: R, python, Java, Go, Kotlin, PostgreSQL, Spring Boot, Flask, ReactJS, Docker, Prometheus

SCOPE 1: Predict ATMwise dispense patterns until next replenishment duration, Prepare indents to withdraw and load for each locations. Handles 8 banks, across 3000+ unique locations. **1 in 7 ATMs in India are planned using our product.**

SCOPE 2: Predict retail sales patterns across 25k+ unique items for each retailer, saving their inventory to hold what's the most required. **1 in 5 store's inventory is made reusable to chain stores.**

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ROLE: Plan, Design, Implement and Deliver. Each client data speaks different truths to rely and plan towards. Objectives them towards the common patterns.
Prepare Implementation plan, User stories for Iteration, Development and Lead.

LEAD CONSULTANT, SERVICES STARTUP   JUN' 2015 - MAY' 2016

PHOENIX MARKETCITY: TARGETED ADVERTISEMENTS PLATFORM

TECH: Java, Coffeescript, AWS Kinesis, Apache Storm
SCOPE: 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.

LEAD CONSULTANT, THOUGHTWORKS   JAN' 2010 - JUN' 2015

JUSTICKETS: MOVIE TICKET AGGREGATOR

TECH: Golang, PostgreSQL, LocustIO
SCOPE: Aggregator service to sell movie tickets for box office and end consumers. Scales to **200+ req/min with 6-10ms response time.**

ABCAM: ORDER MANAGEMENT AND PROMOTIONS

TECH: C#.Net, Microsoft SQL Server 2005
SCOPE: Worldwide order management and promotions for buyers to maintain and order using the new portal migrated from Coldfusion.

AMPLIFY: K12 EDUCATION SUITE

TECH: Ruby On Rails, XMPP, Android, Gatling, MySQL, Cucumber
SCOPE: Education Tablets for K12 children, Material preparation for Teachers, Monitoring and Administration portal for tablets held by the school/department.

MOTECH GHANA: HELPLINE FOR INTENSIVE CARE

TECH: Java, ActiveMQ, Asterisk, MySQL, Spring
SCOPE: Service to help pregnant women to follow the right schedules through their pregnancy period. **SMS and Call based automated support using Decision Trees.**

S&P: AUDIT SYSTEM

TECH: Java, Spring Batch
SCOPE: Service to validate, parse and convert bulk of audit informations from S&P.

LEAD ENGINEER, HCL   SEPT' 2007 - JAN' 2010

ALCATEL LUCENT'S AMS

TECH: J2EE, JBoss, JMS, MySQL
SCOPE: AMS is the next-generation element management system for the ISAM broadband access product family (DSL and fiber-based access).

SOFTWARE DEVELOPER, AAVANOR SYSTEMS   JAN' 2006 - AUG' 2007

TLM: HOSPITAL MANAGEMENT SYSTEM

TECH: Java, Spring, Hibernate, Javascript, jQuery

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

EDUCATION

Anna University, Chennai, India – B.Tech Information Technology, 2001-2005