ARAVIND N SOFTWARE ENGINEER

A software engineer with a flair for platforms for scale, performance and UX. Strive for innovations that can blend the power of hardware and software, that can eventually help make this world a better place

WORK EXPERIENCE

Software Engineer II @ Rakuten India Ent. Pvt. Ltd
Bangalore, India | Jul 2019 - present

- **Rakuten ID - Rakuten's Identity & Access Management Platform**

One of the most critical platforms that keeps Rakuten's business running from user acquisition thru all of their journey across businesses panning regions across the world

  - **GDPR** & **CCPA** compliance for Rakuten ID's Global users
  - Designed and implemented **security centric** features that led to onboarding **2-5M** users
  - Enhanced the security for user registrations via meaningful integration with Rakuten's fraud prevention platforms
  - Involved in the **sunset** of a legacy ID system that led to savings of **300M** JPY per year
  - Lead the development of a customer service backend component and on-board customer service representatives onto the system

- **R-Pay - Rakuten's digital payment platform**

  - Optimised critical endpoints to be **40%** more **performant**
  - **Migrated** of application from Oracle to MySQL database
  - Enhanced resiliency and availability of the application by massive reduction in failures that had business impact

- **Data Replicator - for syncing data at scale from Oracle to MySQL**

  - Started off as a PoC and later productionalised it
  - Build the Data Replicator for scale, resilience and performance
  - This was responsible to ensure critical use cases continue to work in many business scenarios

HOBBY PROJECTS

Drone based infrastructure for agriculture

SPARK - a solar powered automated robot

Jataayu - a handheld metric tracker for environments

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SKILLS SUMMARY

● ● ● ● Programming

● ● ● ● Leadership

● ● ● ● Communication & Coordination

● ● ● ● Enterprise Resource Planning

● ● ● ● Deign and Analysis

● ● ● ● Mentoring

PROGRAM SKILLS

Java, GoLang, Kotlin, SpringBoot, MySQL

EDUCATION

BE in Computer Sciences | Batch of 2019
CGPA of 8.42

PASSION

Bee keeping, Agriculture & related instruments, Leveraging tech for farming

PASSION

Valuable & Critical Employee of 2021