JAIKANT KUMARAN

Software Specialist, CTO, Software Architect

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A forward thinking senior professional with excellent track record in launching technology products in fast paced technology environments. Simultaneously excelled at managing large and complex enterprise software teams. Highly skilled in software architecture and system design. Interested in solving hard software engineering problems.

🏆 Accomplishments

- Achieved launch of multiple software products for startups, through effectively helping with design and implementation of the tech stack
- Supervised team of 60+ developers, based in different geographic locations.
- Collaborated with external teams to successfully release complex enterprise software projects.

Skills

Management
●●●●●
Excellent

Software Architecture
●●●●●
Excellent

Javascript, Typescript, ReactJs
●●●●●
Excellent

Databases & ORMs (Sql / NoSql)
●●●○○
Good

Python
●●●○○
Good

Go / C++ / C
●●○○○
Average

Java - Springboot
●●○○○
Average

💼 Work History

2022-09 - Current

CTO
BizzSetu , Mumbai
- Setup the development processes.
- Setup roles, responsibilities and accountabilities.

- Setup hiring processes

CTO & Cofounder
2020-12 - 2022-07

DATACHAIN SOFTWARE, BANGALORE

We were building a fully featured e-commerce, no-code automation platform. A headless e-commerce backend, which could automate business processes. Our idea was to rethink e-commerce from the first principles. Fill existing market gaps. Integrate with existing solutions (*cart, logistics, inventory, messaging*). Integrate interfaces for text to speech and speech to text. Integrate with messaging platforms - initially for business process automation and later for shopfronts. Our vision was for the product to work in both greenfield and brownfield scenarios. We decided on a microservices-based, event-driven architecture for multiple business reasons.

- Team size of 10 developers, Held responsibility of CTO and Cofounder.
- Managed company-level architecture, platform, processes and implementation protocols
- Designed company-level technological blueprints and system architectures
- We built a micro services based (Beckn/ONDC compliant) e-commerce automation product, based on the principles of modularity & composition. The product integrated with Carts like: Shopify, Magento and Vendure, Shipping systems like: Fedex, Delhivery, Shiprocket, Dunzo
- My responsibilities included everything except MCA, Funding and Accounting related items.
- Tech stack was TypeScript (NestJs), React (NextJs), Kafka & Python (Dagster).
- Learnings: Unit tests/Automated tests is a must have in a micro services architecture. Micro services massively slows down development process.
- Embraced macro-level strategic decisions and micro-level implementation

Founder
2015-08 - 2019-12

Rilli, Sherpafeet, Tech47, BANGALORE

- Tech47: Hired, Mentored and Managed team of 5 developers.
- Tech47: Helped build the technology stack for multiple startups in europe and america - Using React, GraphQL & NodeJs. Some of them are: https://mysoundwise.com, https://lekplats.se, https://align.Yoga (tech47)
- Sherpafeet: We built isomorphic ReactJS web application (NodeJs, Elastic Search, ReactJS, Postgres) to help trekking guides in remote Himalayan villages get clients. We later removed elasticsearch and nodeJS and moved this to GatsbyJs to save costs. (2016-2017)
- Rilli: We built native iOS (Swift) and Android (Java) mobile apps which could be used to book appointments using phone numbers. We later bridged both apps using react-native. Backend was in Java Spring framework. (2015-2016)
- Rilli: After 10 years in software management, I got back to hands on development.

- Gave technical talks in react-bangalore meetups in bangalore. (https://www.youtube.com/watch?v=saKvpzAYHOw)
- Organised developer meetups as part of react-asia. (https://tech47.in/community)

2011-01 - 2014-07

ENGINEERING MANAGER
NOVELL, Bangalore

- Managed Highly Complex System Software, Enterprise Product, Team size of 20 Senior Developers
- Managed the Open Enterprise Sever (file access protocols - CIFS, AFP, NCP) & the Identity access and management (Edirectory) product teams.
- Here is about the products: OES - https://www.microfocus.com/en-us/products/open-enterprise-server/features
  Edirectory - https://www.microfocus.com/en-us/cyberres/identity-access-management/edirectory

1998-01 - 2010-12

SENIOR MANAGER
WIPRO TECHNOLOGIES, Bangalore, Hyderabad, Santa Clara, Ottawa, Rome

- Managed multiple software teams in Telecom & Consumer electronics. Team sizes of 60 members based across geographic locations.(2005 - 2010)
- Developed and managed software (C/C++) for SS7 protocol stack, telecom OSS systems and consumer set top boxes. (1998 - 2004)

Education

1994-05 - 1998-05

BE: Electrical Engineering
DELHI COLLEGE OF ENGINEERING, DELHI UNIVERSITY - Delhi, India

Certifications

2008-08

PMP

Interests

Teaching Software - Architecture, Javascript, React,