

# RAJIV R NAIR

Full Stack Engineer

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## SUMMARY

Seasoned technology leader with over two decades of experience across finance, construction, automotive, and telecom sectors.

- Versatile full-stack engineer and DevOps practitioner with a proven track record in designing and implementing scalable, resilient systems. Proficient in Java, Kotlin, NodeJS, and cloud technologies (mainly AWS).
- Demonstrated success in leadership roles, including CTO and Engineering Manager positions, with a strong focus on mentoring teams and driving architectural improvements.
- Adept at bridging technical expertise with business acumen, consistently delivering high-performance solutions that align with organizational goals.
- International work experience coupled with an adaptable approach to emerging technologies positions me as a valuable asset in fast-paced, innovative environments.

## EXPERIENCE

### Consultant CTO/Principal Engineer

Acquaa 2022 - 2024 Bengaluru

A next-gen platform designed to drive efficiency and scale in water distribution.

- Designed and built the Backflow module from ground up.
- Built scalable and resilient infrastructure using Terraform on AWS with observability baked in.
- Took the application to production with zero-downtime releases.
- Eliminated manual intervention in database for error correction.
- Improved efficiency of approval workflow by about 15%.
- Set up and mentored a team of high-performing engineers.
- Worked with business and external stakeholders to ensure that the product was aligned with their goals.

### Principal Engineer

Socash 2017 - 2022 Bengaluru/Singapore

A platform that simplified banking and cash logistics in South-East Asian markets - including payments, deposits and cash withdrawals.

- Rebuilt and owned native Android apps for customer and merchant.
- Integrated payment systems of banks across Singapore, Malaysia and Indonesia.
- Improved payment processing efficiency by about 25% by reducing failure rates.
- Built the infrastructure on AWS with terraform.
- Mentored junior engineers, facilitating their technical growth and career advancement.

### Engineering Manager

Aconex 2013 - 2017 Bengaluru/Melbourne

Cloud and mobile-based defect and inspection management applications for large-scale engineering and construction projects.

- Improved issue resolution time by 30%.
- Introduced services-based architecture, making the system resilient and scalable.
- Significantly reduced the number of issues in production and improved customer satisfaction.
- Took an application PoC to production enabling us to net a 1M USD project.
- Migrated services to AWS to improve scalability and performance.
- Negotiated with Product and UX teams to build a sensible user experience.
- Mentored junior engineers, facilitating their technical growth and career advancement.

### Technical Lead

Ness Technologies 2010 - 2013 Bengaluru/Seattle

Content delivery platform specifically tailored for North American Automobile dealers.

- Built and owned the Offers Management Service.
- Helped improve performance and scalability.
- Helped standardise environments through to production.

### Sr. Associate TRM

Sapient 2004 - 2010 Delhi/London

Worked on diverse tech projects, including:

- A trading platform for equity-based derivatives
- Securitisation and reconciliation systems
- A large eCommerce site

## STRENGTHS

### Extensive Experience

Over 20 years in software development and system architecture.

### Technical Versatility

Full-stack development expertise

### Leadership

Strong mentoring and team-building abilities

## SKILLS

Java	Kotlin	NodeJS	Python
Spring Boot	Postgres		
AWS	Terraform	OAuth	Security
DevOps	Ansible		

## EDUCATION

### BIT

University of Delhi, Computers

2000 - 2004 New Delhi, India

## RECENT PROJECTS

### DirecktVote

2024 -

An eVoting application to explore electronic voting systems.

- Integrated with Aadhaar-based authentication
- Anonymous and untraceable
- Statistics to group votes by region/city

## ADDITIONAL EXPERIENCE

### Consultant

Kiowa

07/2024 - 09/2024 Bengaluru

A legal intelligence platform that is an AI-powered case assessment tool for high-volume litigation practices.

- Worked on building the document indexing and RAG pipeline.
- Setup services infrastructure on AWS and monitoring.