

ASHWIN SATHIAN

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PROFESSIONAL SUMMARY

Engineering leader with 7+ years of experience building and scaling SaaS platforms supporting thousands of users, millions of records, and \$1B+ in gross transaction value (GTV). Specialised in modern JavaScript frameworks and web technologies such as Angular, Next.js, NestJS, and MongoDB, with a proven record of architecting multi-tenant, high-performance systems and accelerating release cycles by 1.5x. Recognised for owning technical strategy, shaping engineering culture, and mentoring teams to deliver secure, customer-centric solutions.

CORE SKILLS

- **Frontend:** Angular, React, Next.js
- **Backend:** Node.js, NestJS, Express
- **Databases:** MongoDB, DynamoDB
- **Cloud & DevOps:** AWS, GCP, Docker, GitHub Actions
- **Practices:** SaaS Architecture, Multi-tenancy, RBAC, Agile & Scrum

PROFESSIONAL EXPERIENCE

Penny Software | Jun 2020 – Present

- **Lead Engineer | Jan 2024 – Present**
 - Drove platform architecture and roadmap for a modular SaaS procurement system, scaling to \$1B+ GTV and millions of records.
 - Designed Angular + NestJS + MongoDB architecture, consistently delivering sub-200ms query performance.
 - Established enterprise-grade RBAC and strengthened security for multi-tenant environments.
 - Mentored and directed a 12-member team, introducing code review practices and clean-code standards that improved delivery quality.
- **Product Specialist | Apr 2022 – Dec 2023**
 - Owned feature lifecycles end-to-end, aligning engineering with customer priorities.
 - Optimised APIs and database queries, improving response times by 40%+.

- Coordinated across engineering, QA, and product to implement iterative agile delivery, accelerating release cycles by 1.5x.
- **Full Stack Developer | Jun 2020 – Mar 2022**
 - Delivered SaaS features across the stack; enhanced frontend scalability with lazy-loading and modular design.
 - Improved application responsiveness and stability across thousands of active users.

Manaraah | Jan 2020 – Jun 2020

- **Senior Full Stack Developer**
 - Built and deployed cloud-native business applications, enabling scalable growth.
 - Partnered directly with clients to transform requirements into robust implementations.

WeCP (We Create Problems) | Jan 2019 – Jan 2020

- **Software Development Engineer**
 - Developed SaaS assessment platforms that streamlined technical hiring workflows at scale.
 - Initiated mentorship programs, guiding interns and junior engineers and improving onboarding.

Reubro International | Aug 2018 – Jan 2019

- **Junior Programmer**
 - Contributed to flagship SaaS product improvements, strengthening reliability and usability.

EDUCATION

National Institute of Technology, Calicut

B.Tech., Electronics & Communication Engineering (2014 – 2018)