ARJUN CHALIL

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PROFESSIONAL SUMMARY

Senior Software Engineer / Full Stack Developer with 4.5+ years of experience designing and building scalable, cloud-native platforms, backend services, and high-performance user interfaces.

CORE SKILLS

Languages: JavaScript (ES6+), TypeScript, Python (working knowledge)
Frontend: React.js, React Native, Next.js, Micro Frontends
Backend: Node.js, Express, REST APIs, WebSockets, RAG, Go (working Knowledge)
Databases: MongoDB, Redis, SQL concepts (Postgres)
Cloud & DevOps: AWS (EC2, S3), GCP, Docker, CI/CD, Github Actions, Fastlane, Jenkins
Architecture: Microservices, SDK Design, Event-driven Systems

PROFESSIONAL EXPERIENCE

Litmus7 Systems Consulting | Kochi, India
Senior Engineer | *Jan 2022 – Present*

- Owned end-to-end delivery of platform components from system design to production support.
- Contributed to enterprise platforms serving 10M+ users across retail and real-time messaging ecosystems using **React.js,** Node.js, **Golang** and cloud-native architectures.
- Designed secure API proxy services with Mobile app attestation for high-volume mobile traffic.
- Built a real-time omnichannel messaging platform unifying WhatsApp, Messenger, and custom channels into a single agent-facing ticketing interface, reducing response latency by 50%.
- Designed and optimized scalable backend systems for high-performance search and data retrieval using **Node.js, Express, Elasticsearch,** and **Redis**.
- Led cross-platform SDK development (**Kotlin Multiplatform, React Native, Flutter**), enabling seamless third-party integrations.
- Architected reusable **SDK** and **npm package**, reducing platform redundancy by 40%.
- Designed **micro-frontend** architecture using **shared workers**, reducing socket duplication and resource usage by 60%.
- Led a 4 member engineering team, owning sprint planning, code reviews, and architectural decisions.
- Drove business impact with 5M+ installs and a 40% revenue increase through subscription-based platforms.

Associate Software Engineer | *Aug 2021 – Jan 2022*

- Built full-stack platforms using Node.js, **Express.js**, MongoDB, Redis, and **Next.js** with secure authentication, along with cross-platform mobile apps using **React Native**.
- Developed a real-time dashboard with annotation tools for image and text data used in AI model training.
- Integrated payment systems (**Razorpay**), CMS-driven workflows, and interactive features.
- Published shared UI npm packages to GCP Artifact Registry, enabling reuse across 5+ projects.

EDUCATION

Bachelor of Technology – Computer Science & Engineering | 2017– 2021

ACHIEVEMENTS & OPEN SOURCE CONTRIBUTIONS

- **Credibility Award – Litmus7:** Recognized for technical excellence and delivery ownership.