

SHANTHI PALANI

Technical Lead | Full-Stack Engineer | Data & Analytics Platforms

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PROFESSIONAL SUMMARY

Technical Lead with 11 years of experience building and scaling enterprise-grade web applications and analytics platforms. Expert in React, TypeScript, Node.js, Cube.js, and Micro frontend Architecture with a proven record of leading teams, driving migrations, optimizing performance, and delivering measurable business outcomes.

CORE SKILLS

- Frontend & UI Architecture: React, TypeScript, Next.js, ECharts, Design Systems
- Micro frontend Architecture: Module Federation, Independent Deployments, Scalable UI Platforms
- Backend & APIs: Node.js, Express, GraphQL, Relay
- Data & Analytics: Cube.js, PostgreSQL, DynamoDB, MongoDB, Redshift
- Testing & Quality Engineering: Cypress, WebdriverIO, Jest, E2E Automation Strategy
- Cloud & Infrastructure: AWS, Docker, CI/CD Pipelines
- Leadership & Delivery: Technical Ownership, Mentorship, Code Reviews, Agile/Scrum

PROFESSIONAL EXPERIENCE

Technical Lead (Promoted in 2025) – Talentship (TSI Technologies Pvt Ltd) | Jan 2025 – Present

Own technical direction and architecture for analytics-heavy full-stack systems. Lead engineers, drive performance optimizations, reduce technical debt, and collaborate with product and data teams to deliver scalable, high-impact solutions.

Senior Software Engineer – Talentship (TSI Technologies Pvt Ltd) | Dec 2022 – Dec 2024

Led development of high-performance analytics dashboards using React, TypeScript, Cube.js, and PostgreSQL. Migrated slow-performing dashboards to modern analytics architecture achieving ~60–70% performance improvement.

Lead Developer – Atos Syntel Pvt Ltd | Mar 2017 – Dec 2022

Led a 12-member engineering team delivering enterprise fintech and payment platforms. Established automation testing strategies, reduced regression issues, and received multiple awards for leadership excellence.

Product Developer – BambeeQ Pvt Ltd | Jul 2014 – Mar 2017

Delivered end-to-end product features across frontend, backend, and databases. Owned projects from requirement analysis to production deployment using Agile practices.

KEY PROJECTS

- **SoSafe – Enterprise Cybersecurity Analytics Platform:** Led migration of legacy dashboards to a high-performance analytics stack, improving load times by ~60% and enabling scalable, accurate reporting for enterprise customers.
- **PayPal – Credit Card Vault & Wallet Systems:** Built secure systems for credit card migration, wallet balance management, currency conversion, and fee calculation in high-compliance environments.
- **Zujo – Learning & Competition Platform:** Developed scalable modules for student learning, tutor management, and national-level competitions using React, Node.js, and DynamoDB.