

ANANDA ARULRAJ K

Senior Full-Stack Engineer | React | Next.js | Vue.js | Node.js | JavaScript | TypeScript | Gen AI | Microservices – BFSI & Logistics Technology

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Results-driven Engineer targeting challenging roles within Finance, Insurance, or Logistics Technology environments to leverage expertise in Full-stack Development, Microservices, and Enterprise Integrations for building secure, scalable, and high-performance transaction systems.

PROFILE SUMMARY

- Senior Full-Stack Engineer specializing in building enterprise-grade web applications using React, Next.js, Vue.js, Node.js, TypeScript, MongoDB, and microservices architecture.
- Exploring and applying Gen AI tools to improve development productivity, code quality, and delivery speed.
- Proven expertise in building RESTful APIs, microservices-based platforms, and secure third-party integrations.
- Strong expertise in REST API design, backend system development, secure third-party integrations, and performance optimization for high-transaction logistics and BFSI platforms.
- Proven track record in delivering scalable, production-ready systems, resolving critical production issues, and improving system reliability.
- Experienced in mentoring engineers, enforcing coding standards, and collaborating with cross-functional teams in Agile environments.
- Known for analytical problem-solving, adaptability, stakeholder collaboration, and deadline-driven execution.

CORE COMPETENCIES

- BFSI & Logistics Application Development
- Transaction Processing Systems & High-Volume Data Handling
- Secure Back-end Systems & Financial Data Integration
- RESTful API Development for Banking & Insurance Platforms
- Microservices Architecture for Logistics & FinTech Systems
- Third-Party Integrations (Payment, Policy, ERP, Partner APIs)
- Data Management for Financial & Operational Systems (MongoDB)
- Gen AI-Assisted Development & Productivity Tooling
- Agile Delivery for Regulated & Compliance-Driven Environments
- Production Support for Mission-Critical Business Applications
- Application Performance & Transaction Optimization
- System Reliability, Stability & Incident Resolution
- Requirement Analysis for Finance, Insurance & Supply Chain Domains

CAREER TIMELINE

- Mar'26 – Present: Emphasis Limited
- Dec'14 – Dec'25: Avow Solutions Inc
- Sep'13 – Mar'14: Spantana Technologies Pvt. Ltd.
- Feb'13 – Jul'13: OrielPro IT Solutions
- Nov'11 – Dec'12: Spantana Technologies Pvt. Ltd.
- Mar'11 – Sep'11: HP-FinSoft Pvt. Ltd.

KEY ACHIEVEMENTS

- Contributing as part of the team delivering a wealth management client portal using React and Next.js at Emphasis Limited.
- Contributed to multiple enterprise platforms used in high-transaction environments.
- Played a key role in building microservices-based logistics systems.
- Recognized for rapid production issue resolution and system reliability.
- Strengthened team capability through continuous mentoring and knowledge sharing.
- Consistently delivered stable releases with minimal post-production defects.

WORK EXPERIENCE

Mar'26 – Present | Delivery Project Lead | Emphasis Limited

- **Application Engineering:** Working as part of a cross-functional team building the front-end for a wealth management client portal, contributing responsive, high-performance UI features using React and Next.js.
- **Gen AI Adoption:** Applying Gen AI-assisted development tools within the team's workflow to speed up coding, testing, and documentation tasks.
- **Collaboration:** Working closely with backend engineers, designers, and business stakeholders as part of the delivery team to translate wealth management requirements into polished UI features.
- **Quality:** Following coding standards and participating in code reviews to help maintain a high-quality, production-ready codebase.

Tech stack: React, Next.js, JavaScript, TypeScript, Gen AI Tools, HTML, CSS

Dec'14 – Dec'25 | Software Engineer → Senior Software Engineer | Avow Solutions Inc

Growth Path: Software Engineer (Dec'14 – Sep'22) → Senior Software Engineer (Oct'22 – Dec'25)

- **Application Engineering:** Designed and developed high-availability enterprise application modules using Node.js, Vue.js (Vue 2/3), Composition API, JavaScript, TypeScript and REST APIs to support business-critical logistics and transaction-heavy systems.
- **Production Stability:** Owned and resolved critical production incidents, ensuring high system availability, stability, and minimal downtime in high-transaction environments.
- **System Integration:** Implemented secure third-party API integrations to enable reliable cross-platform data exchange with partner, payment, and enterprise systems.
- **Quality Governance:** Enforced coding standards, code reviews, and QA validations across releases to maintain application quality and reduce post-production defects.
- **Cross-Team Coordination:** Collaborated closely with frontend, backend, QA, and business stakeholders to deliver defect-free releases in Agile/Scrum environments.
- **People Development:** Mentored junior engineers on coding best practices, debugging techniques, and architectural patterns, improving overall team productivity and code quality.
- **Performance Optimization:** Improved application processing efficiency and response times through structured code refactoring, optimization, and bottleneck analysis.
- **Process Excellence:** Recommended and implemented workflow and sprint process improvements that increased delivery predictability and improved sprint velocity.

Tech stack: Node.js, Vue.js (Vue 2/3), JavaScript, TypeScript, Rest APIs, HTML, CSS & MongoDB

Dec'14 – Sep'22 | Software Engineer | Avow Logistics Pvt. Ltd.

- **Application Engineering:** Designed and developed high-availability enterprise application modules using Node.js, Vue.js (Vue 2), Options API, JavaScript, Laravel, PHP and REST APIs to support business-critical logistics and transaction-heavy systems.
- **Web Application Development:** Built scalable business applications supporting end-to-end logistics operations.
- **Microservices Development:** Designed RESTful services using Node.js for modular platforms.
- **Technology Modernization:** Introduced enhancements aligned to evolving industry practices.
- **Defect Management:** Diagnosed root-cause issues and implemented stable production fixes.
- **Developer Enablement:** Supported junior engineers in complex logic implementation and debugging practices.
- **Business Requirement Translation:** Converted functional needs into robust technical designs.
- **Delivery Support:** Assisted in project planning, scheduling, and feasibility assessment.

Tech stack: Node.js, Vue.js (Vue 2), JavaScript, Rest APIs, HTML, CSS, Laravel, PHP, MySQL & MongoDB

Sep'13 – Mar'14 | Software Developer | Spantana Technologies Pvt. Ltd.

- **Frontend & Backend Development:** Built web applications using HTML, CSS, JavaScript, and server-side technologies.
- **Database Design:** Structured secure and scalable database schemas.
- **Object-Oriented Programming:** Developed modular applications using C#.
- **Reusable Code Design:** Built abstracted and maintainable code libraries.

Tech stack: Asp.Net, C#, HTML, CSS, JavaScript & MySQL

Feb'13 – Jul'13 | Software Developer | OrielPro IT Solutions

- **Code Debugging:** Identified logic defects and delivered optimized corrections.
- **Performance Tuning:** Enhanced execution efficiency through structured code improvements.
- **System Enhancement:** Modified legacy applications to add new business features.
- **UI Development:** Designed intuitive user interfaces for improved usability.

Tech stack: Asp.Net, C#, HTML, CSS, JavaScript & MySQL

Nov'11 – Dec'12 | Software Developer | Spantana Technologies Pvt Ltd.

- **Database Engineering:** Designed efficient and secure data storage structures.
- **Defect Resolution:** Debugged and stabilized production code.
- **Team Collaboration:** Coordinated with developers for timely project delivery.

Tech stack: Asp.Net, C#, HTML, CSS, JavaScript & MySQL

Mar'11 – Sep'11 | Software Developer | HP-FinSoft Pvt. Ltd.

- **Web Application Development:** Created applications using HTML, CSS, and JavaScript.
- **Database Structuring:** Designed stable backend database models.
- **Collaborative Development:** Worked with cross-functional teams to fulfill project milestones.
- **Code Debugging:** Fixed runtime and logical errors to improve application reliability.

Tech stack: Asp.Net, C#, HTML, CSS, JavaScript & MySQL

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, PHP, Python, C#
- **Frameworks & Platforms:** React, Next.js, Node.js, Vue.js, Laravel
- **Databases:** MongoDB, MySQL & MS Server
- **Architecture:** REST APIs, Microservices
- **Gen AI:** Gen AI-Assisted Development & Productivity Tools
- **Methodology:** Agile / Scrum
- **Tools:** JIRA, Git, Postman
- **Integration:** Third-Party API Integration
- **Quality:** Debugging, Testing Support, Code Optimization

CERTIFICATIONS

- MongoDB Basics – Proof of Completion (MongoDB University, Sept 17, 2022)
- Overview of MongoDB and the Document Model – Proof of Completion (MongoDB University, Jan 16, 2023)
- GraphQL Apollo Server with Node.js & MongoDB – Udemey Certificate of Completion (Mar 26, 2025)
- 100 Days of Code: The Complete Python Pro Bootcamp – Udemey Certificate of Completion (56.5 hours, Jul 16, 2025)
- Learn Jira with Real-World Examples (+Confluence) – Udemey Certificate of Completion (10.5 hours, Mar 17, 2025)
- Agile Scrum Master – Simplilearn SkillUp (Dec 17, 2024 | Certificate Code: 7677571)

EDUCATION

- Bachelor of Computer Applications (BCA) – IGNOU | 2007 – 2010
- Post Graduate Diploma in Information Technology – Don Bosco SIHARAM | 2007 – 2010

SOFT SKILLS

- Analytical & Critical Thinking
- Problem Solving
- Team Leadership & Mentoring
- Communication & Coordination
- Adaptability to New Technologies
- Time & Delivery Management

PERSONAL DETAILS

- **Languages Known:** English & Tamil
- **Address:** Chennai