B. ARUL

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LinkedIn Profile

PROFESSIONAL SUMMARY

Full-stack software engineer with 3+ years of enterprise experience delivering scalable, high-performance applications. Skilled across both legacy Oracle/PL/SQL platforms and modern Node.js/React/PostgreSQL ecosystems. Track record of shipping multimillion-dollar features, enhancing database performance, and independently owning full product lifecycles. Deeply interested in tech innovation, system design, and creating resilient solutions that drive measurable business value.

CORE COMPETENCIES

Languages: PL/SQL, Java, JavaScript, TypeScript, SQL, HTML/CSS
Backend: Node.js, Express.js, Spring Boot, RESTful APIs
Frontend: React.js, React Hooks, CSS3, DOM Manipulation
Databases: Oracle, PostgreSQL, MySQL, Database Optimization, Query Tuning
ORM/Tools: Prisma, JDBC, SQL Developer, TOAD
DevOps/Cloud: Docker, Git, GitHub, Azure, AWS, JIRA
Platforms: Windows Server, Linux, PowerShell, psql CLI
Methodologies: Agile Development, Iterative Development, Production Support, Performance Tuning

PROFESSIONAL EXPERIENCE

Full-Stack Developer & Solo Entrepreneur

Insurance-Suite Project   Chennai, India
2025 – Present

- Architected and developed comprehensive insurance application with 20+ modules (underwriting, claims, policy management, product builder, CRM, admin dashboard) using Node.js, TypeScript, React, and PostgreSQL
- Designed database schema with Prisma ORM, optimizing query performance for 100K+ policy records with <500ms response times
- Built RESTful APIs using Express.js handling authentication, authorization, multi-currency support, and complex business workflows
- Implemented frontend UI components using React with responsive design, real-time updates, and state management for 15+ user journeys
- Optimized PostgreSQL queries using indexing strategies and query analysis, reducing slow query incidents by 75%
- Containerized application using Docker for consistent development and deployment across environments
- **Key Achievements:** Delivered all modules on schedule with zero critical production incidents; Optimized system architecture for 50% performance improvement in policy processing

Software Engineer - Developer

Azentio Software   Chennai, India
February 2023 – Present

- Independently managed and maintained enterprise PL/SQL systems serving 50+ banking clients, ensuring 99.8% uptime and system stability
- Reduced production incidents by 45% through proactive performance monitoring, issue resolution, and code optimization
- Delivered 15+ feature enhancements using Oracle PL/SQL and Java integration modules, directly contributing to multimillion-dollar client revenue stream and earning formal stakeholder recognition
- Implemented performance tuning strategies in Oracle PL/SQL, reducing query execution times by 40-60% and system load by 35%

- Developed automated alert and response system using PL/SQL triggers and stored procedures, improving incident response time from 2 hours to 15 minutes
- Built Java-based integration modules for backend system extensions and middleware communication across enterprise applications
- Managed full project lifecycle from requirement analysis to deployment, documentation, and production support with minimal supervision
- **Key Achievements:** Received formal recognition for delivering feature enhancements boosting client revenue; Successfully owned and resolved 40+ critical production issues with 100% first-time fix rate; Achieved 98% test coverage on delivered features

NOTABLE PROJECTS

Insurance-Suite Application (Node.js + React + PostgreSQL)

Comprehensive full-stack insurance platform with 10+ modules including underwriting, claims processing, policy management, and admin dashboard. Designed scalable database schema with Prisma ORM, built responsive React UI, and developed Express.js backend APIs. **Impact:** 50% performance improvement, 150ms - 500ms query response times, zero critical incidents.

Enterprise Task Management System (PL/SQL + Java)

Backend-driven task management platform for enterprise operations. Designed and implemented complete system with automated tracking and escalations. **Impact:** 35% reduction in processing time; improved efficiency by automating manual workflows.

Hotel Reservation System (PL/SQL + Spring Boot)

Full-stack booking and billing management system with real-time availability updates and payment gateway integration. **Impact:** 80% reduction in booking errors; processed 500+ transactions/day with shorter response time.

Event Management Platform (PL/SQL + Spring Boot)

Event ticketing and attendee management platform with secure payment processing. **Impact:** Managed 50+ concurrent events; 98% successful transaction rate; Notable annual revenue generated.

TECHNICAL SKILLS BREAKDOWN

Languages	PL/SQL, Java, JavaScript, TypeScript, SQL, C/C++, HTML5, CSS3
Backend	Express.js, Spring Boot, Node.js
Frontend	React.js, JSP/Servlets
Databases	Oracle 11g/12c, PostgreSQL, MySQL
ORM/Mappers	Prisma, Hibernate, JDBC
APIs & Tools	RESTful APIs, Postman, GraphQL (basic)
DevOps/VC	Docker, Git, GitHub, JIRA, GitHub Actions
Cloud	Azure, AWS (EC2, RDS)
Practices	Agile/Scrum, CI/CD, Database Optimization, Unit Testing, Code Review

EDUCATION

Bachelor of Engineering (B.E.) in Electrical and Electronics Engineering
Sri Krishna College of Technology   Coimbatore, India
Graduated: May 2023

  Relevant Coursework: Database Management, Data Structures, Software Engineering, System Design, Microprocessors, Control Systems

CERTIFICATIONS & TRAINING

- Oracle PL/SQL Performance Tuning (Self-directed)

- Agile Methodology & Scrum Fundamentals
- Full-Stack Web Development with Modern JavaScript (Self-directed)
- AWS Cloud Basics (In Progress)

LANGUAGES

- English: Professional working proficiency
- Tamil: Native fluency
- Hindi: Conversational proficiency

ADDITIONAL INFORMATION

- **Open to:** Remote/Hybrid roles in Full-Stack Development, Enterprise Architecture, or Backend Engineering
- **Interests:** Tech innovation, system scalability, database optimization, AI/ML integration, workflow automation, blockchain integration