

UVAN N

☎ +91 9489460038 ✉ uvannarayanan1603@gmail.com 🔗 linkedin.com/in/uvan-narayanan </> LeetCode

Technical Skills

Languages: JavaScript, TypeScript, Python, Java
JavaScript Ecosystem: Node.js, React.js, Express.js, Reusable Components, Micro Frontends, Monorepo
Platform & Backend: REST APIs, Microservices, Event-Driven Architecture, Kafka, Redis, gRPC, System Design
Databases: PostgreSQL, MongoDB, MySQL, DynamoDB
Infrastructure: AWS, Docker, Kubernetes, Git, GitLab CI/CD, Jenkins
Engineering Practices: Developer Tooling, Dependency Management, npm Registry, Packaging & Publishing, Refactoring, Automated Testing, Code Reviews

Experience

Incedo | *Senior Software Engineer*

Feb 2022 – Oct 2025

- Built and evolved large-scale **JavaScript/TypeScript** applications across **React** interfaces and **Node.js** services supporting **50K+ users**, owning design, implementation, testing, and production reliability.
- Designed and optimized high-throughput **Node.js REST APIs** handling **2M+ requests/day**, improving performance and enabling reliable integration across distributed enterprise applications.
- Built **reusable services, shared components, and internal tooling**, including npm registry and package publishing workflows for shared frontend modules, improving reuse and developer productivity across teams.
- Improved shared **React/TypeScript** modules within monorepo and micro-frontend architectures, reducing unnecessary re-renders by **~40%** and improving maintainability across applications.
- Refactored synchronous workflows into **asynchronous processing pipelines**, simplifying complex integrations while improving throughput, fault tolerance, scalability, and **99.9% production availability**.
- Improved developer workflows through **automated testing, CI/CD pipelines, code reviews, validation, and centralized error handling**, reducing production issues by **~25%**.
- Investigated and resolved **production issues** across frontend, Node.js services, APIs, and databases, performing root-cause analysis and implementing maintainable long-term fixes.
- Partnered across frontend, backend, and DevOps teams on **software architecture, code reviews, platform improvements, and shared engineering standards**, driving adoption across complex applications.

Projects

Real-Time Portfolio Management Workspace

- Built a full-stack application using **React, TypeScript, Node.js, Express.js**, and **PostgreSQL**, supporting portfolio, transaction, watchlist, and real-time analytics workflows.
- Developed reusable **TypeScript/Node.js services and React components**, with REST APIs for transactions, authentication, authorization, validation, and user-specific workflows.
- Implemented centralized state management, reusable data flows, advanced filtering, and responsive analytics across interconnected frontend and backend workflows.
- Designed a modular architecture with reusable services and components, **Docker** containerization, validation, structured error handling, and documented API contracts.

Certifications

- **AWS Certified Solutions Architect – Associate**

Achievements

- Received the **Innovation & Customer Excellence Award** for delivering technical solutions that significantly improved business outcomes.
- Secured **1st place in the Capstone Project** by building a scalable **React + Node.js content platform**.
- Achieved **two promotions** for strong ownership and consistent delivery of high-impact software components.

Education

Amity University

MBA – Data Science

Sep 2024 – Sep 2026

CGPA: 8.99

SASTRA University

Bachelor of Technology

Jun 2018 – Jun 2022

Thanjavur, Tamil Nadu