



TRINATH ANANTHAM

ENGINEERING MANAGER
SYSTEM ARCHITECT
FOUNDER – ONE COMPILER

CONTACT

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- <https://trinath.tech>

TECHNICAL SKILLS

- System Design
- Architecture
- Scaling Systems
- Cloud Architecture
- Security Oversight
- Observability
- Event-Driven Architecture
- Database Design
- Data Structures
- CI/CD
- Microservices

LEADERSHIP & PEOPLE SKILLS

- Leadership
- Mentoring
- Collaboration
- Conflict Resolution
- Stakeholder Management
- Decision-making
- Hiring & Appraisals



PROFILE

Versatile Engineering Leader with 11+ years of experience across backend, frontend, and cloud-based SaaS platforms. Skilled in building scalable systems, leading full-stack teams, and aligning technology with product strategy. Proven expertise in system design, DevOps, and agile delivery, with hands-on experience in React, Node.js, Java, Spring Boot, and modern web technologies. Passionate about mentoring, innovation, and driving end-to-end execution.



WORK EXPERIENCE

SaaS Labs

2022 - PRESENT

Engineering Manager

- Managed engineering teams owning Billing, Balance, and Subscriber services, built with NestJS, Node.js, and MySQL.
- Led a team of 10+ engineers, driving project execution, mentoring, and performance management across multiple services.
- Oversaw full-stack delivery with React and Remix, deployed on GCP with Kubernetes, Docker, and monitored via New Relic, Grafana, and BigQuery.

OneCompiler

2019 - 2022

Founder & Architect

- Architected and developed the platform end-to-end using React, Next.js, React Native, Node.js, MongoDB, and Docker, deployed on AWS and Linux.
- Scaled the platform to support **2 million+ users globally**, ensuring high availability and performance.
- Implemented real-time code execution and sandboxing features across multiple languages, ensuring secure and isolated environments for users.
- Designed core product functionality from concept to launch, focusing on developer experience and usability.
- Managed cloud infrastructure, CI/CD, and production reliability with hands-on DevOps practices.
- Led product demos, handled sales, and provided direct customer support to iterate and validate product-market fit.

Reputation.com

2017 - 2022

Lead Engineer | Engineering Manager

- Developed scalable microservices using Java, Spring Boot, and MongoDB for third-party API integrations, built admin tools using React
- Managed log aggregation and monitoring with ELK Stack, deployed services on AWS and GCP for high availability..
- Built internal dashboards and admin tools using React, enhancing partner onboarding and monitoring workflows.

SplashBI

2014 - 2017

Software Engineer

- Developed enterprise reporting UI using React and Kendo UI components.
- Built and maintained backend services with Java, Spring Boot, Hibernate, and Oracle DB, OAF.

PROJECT & DELIVERY SKILLS

- Project Planning
- Time Management
- Agile
- Risk Management
- Product Alignment
- Code Review
- Problem-solving
- Release Management
- Execution Ownership

CERTIFICATES

- Oracle Certified Java Programmer (Java SE 7)
- MongoDB for Developers – MongoDB University
- Oracle Database SQL Certified Expert

SOCIAL

GitHub:
<https://github.com/trinathanantham>

YouTube:
<https://www.youtube.com/@trinathanantham8755>

Linkedin:
<https://www.linkedin.com/in/trinathanantham-045a19112/>

LANGUAGES

English (Fluent)
Telugu (Fluent)
Hindi (Basic)

REFERENCE

Manish Balsara
Reputation.com/ CTO
Phone: +1 650 303-5820



TECHNICAL SKILLS

Backend Development:
Java (SE 7+), Spring Boot, Groovy, Dart, Node.js, Express.js, NestJS, J2EE – building robust, scalable backend services and RESTful APIs.

Frontend Development:
ReactJS, Next.js, Redux, HTML5, CSS3, JavaScript, Material UI, Kendo UI, Tailwind CSS, React Native, Electron – crafting responsive web, mobile, and desktop applications.

Databases & Queues:
MongoDB, PostgreSQL, MySQL, Oracle, Redis, RabbitMQ, Google Pub/Sub – schema design, indexing, optimization, messaging.

AI & Agentic Systems:
LangChain, Mastra, OpenAI LLMs, Prompt Engineering – building autonomous agent workflows, integrating AI capabilities into product features.

Cloud & DevOps:
AWS (EC2, S3, Lambda, RDS), Google Cloud Platform, Docker, PM2, Jenkins, Git, Heroku, ELK Stack – infrastructure management, CI/CD, deployment pipelines.

Architecture & Design:
System Design, Microservices, Event-Driven Architecture, API Design, Performance Tuning, Scalability, Multi-Tenancy – designing high-performance, distributed systems.

Monitoring & Observability:
ELK Stack, Prometheus, Grafana – logging, NewRelic, alerting, and application health monitoring.

Tools & Frameworks:
Terraform, GitHub Actions, GitLab CI/CD, Postman, Swagger/OpenAPI – automation, documentation, testing.

Methodologies:
Agile (Scrum, Kanban), Test-Driven Development (TDD), OKRs, Code Reviews



EDUCATION

B.Tech in (ECE)
Jawaharlal Nehru Technological University | Kakinada
Percentage: 76%

2009 - 2013