

HARIHARAN RP

FULLSTACK/APP DEVELOPER - AI

Full-stack engineer with 4+ years building enterprise systems and modern SaaS applications. Specialized in AI-augmented development leveraging LLMs, context management, and prompt engineering to ship production-grade applications 10x faster. Built and deployed complete web applications globally using Next.js, React, cloud infrastructure, and modern AI coding tools. Can architect, build, and deploy entire applications independently from database design to production deployment.

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PROFESSIONAL EXPERIENCE

FULLSTACK ENGINEER

RNTBCI - Automobile sector - Dec2024-present

- Engineered features for enterprise-level parts nomenclature management system serving as central reference database for global RN-M Alliance operations
- Developed multi-role approval workflows with automated email notifications and audit trails, streamlining cross-team collaboration for international alliance operations
- Optimized database queries and managed API call patterns, reducing GCP infrastructure costs by 30% through intelligent query optimization and caching
Migrated legacy infrastructure to Google Cloud Platform with containerized deployments on GKE, improving scalability and operational efficiency

JAVA DEVELOPER

Mphasis Limited - Logistics sector - Chennai - Mar2022-Dec2024

- Collaborated to modernizing legacy mainframe system for world's largest logistics company. re-platformed to Java microservices managing global delivery routes
- Built RESTful APIs following OWASP security standards, implementing authentication layers for web services serving international logistics operations
- Developed Spring Boot microservices with automated JUnit testing and deployed through Jenkins CI/CD pipelines, ensuring zero-downtime across multiple batch jobs

ASSOCIATE DEVELOPER

Mphasis Limited - Banking sector- Pune - Jun2021 - Mar2022

- Architected and maintained AWS data pipelines (Redshift, S3, Python) processing 10M+ customer records daily for major banking institution
- Collaborated in 4-person team migrating Oracle database to Amazon Redshift using Athena, reducing query times by 60% and infrastructure costs significantly
- Created automated shell scripts for daily data reloads and monitoring, eliminating manual intervention and ensuring constant uptime

TECH-STACK

- AI-Augmented Development (Claude CLI, Cursor IDE and GitHub Co-pilot)
- Proficiency in Java, Python, JavaScript/TypeScript, SQL
- Frontend: React, Next.js, Angular, HTML/CSS
- Backend: Spring Boot, Node.js, REST APIs
- Cloud & DevOps: AWS, GCP, Docker, Kubernetes, Jenkins
- Databases: PostgreSQL, MySQL, Amazon Redshift, Supabase
- Tools: GitLab/GitHub, Postman, Linux, CI/CD

PROOF OF WORK

- SaaS: Founded and developed [lemonade-stand](#), news delivered in a fun way to users globally.
- AI "Vibe coding": Secure websites made in hours - [portfolio](#), [worksite-custom](#).
- Youtube: Did some videos back in the solving DSA problems - [yeeeetcode](#)
- Leetcode: I solve problems occasionally to keep up with DSA - [harioncloud9](#)

EDUCATION

B.TECH specialization in IoT
VIT University, Vellore.
2017-21

SCHOOLING
Velammal Mogappair
school
2015-17
Leo, Anna Nagar
2003-15

CERTIFICATIONS

AWS - CCP
Amazon web services

Machine Learning - NPTEL
Mathematical foundations for
ML to build ML models
Bootcamps and
trainings
Across coursera, udemy and
others.

INTERESTS/AMBITIONS

ML, AI and core Math.
Advancing with AI

Augmented and agentic
software development

Building scalable solutions
for high-impact business
problems

Creating secure,
production-grade
applications at
accelerated speed through
AI-powered development.