

Nagarajan Ramasamy Pillai

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[LinkedIn Profile](#) | [GitHub Profile](#)

PROFESSIONAL SUMMARY

- Lead Full Stack Developer with over 11 years of experience in the industry, demonstrating a proven track record of delivering successful projects.
- Expertise spans across frontend technologies, particularly **Angular**, **React** as well as backend development, database management, and cloud architecture.
- Skilled in leading teams through the entire development lifecycle, from requirement analysis and architecture design to implementation, testing, and deployment.
- Demonstrated **leadership** and **project management** skills with focus on **Safe Agile** methodologies. Achieved success in multiple projects, in both small- and large-scale teams.
- Experience working in varied domains, including Retail, Recruiting, Healthcare and Media.

TECHNICAL SKILLS

Frontend: Typescript, Angular, React, Tailwind, React Native, Node JS, GraphQL

Backend: Java, C#, Python, SQL, MongoDB

Cloud: Oracle cloud, GCP, Kubernetes, Docker, Terraform.

Machine learning/AI: Pandas, Tensor flow, Hugging face, LLMs

WORK EXPERIENCE

TEKsystems., Canada

August'22 - Present

Lead Software Engineer

- Lead Developer of a 5-member, front-end engineering platform team.
- Responsibilities included, building a **React & React Native** platform with 70% code sharing.
- Gained knowledge on Azure DevOps and Integrated CI/CD pipelines for the platform.
- Collaborated with UX team in converting Figma files to React/React-native code.
- Spearheaded HLS rendering overhaul leading to 30% increase in video streaming speed.
- Identified and resolved performance issues, improving app speed by 25%. Mentored team on **Rx JS** and advanced **Angular**, boosting code quality.
- Successfully implemented cross-platform compatibility for mobile screens, resulting in a 50% increase in user engagement and satisfaction.
- Followed Safe Agile practices and worked closely with Architect, SM & Product Owner in research and development work for the clients' requirements.
- Provided mentorship and guidance to junior teammates and colleagues as an essential aspect of the role.
- Conducted interviews to assess candidates for team integration and suitability.
- Implemented bi-weekly touch base meetings with team members, aimed at fostering collaboration.

Oracle., India
Senior Application Engineer

September'17 – June'22

- Collaborated with a large team of 20+ members to revamp legacy flash screens, resulting in a 40% reduction in loading time and a 20% increase in user satisfaction.
- Improved frontend development skills of junior and senior backend developers, resulting in a 25% increase in project efficiency.
- Developed a plug-able error navigator for HTML forms which enabled faster submissions and better user experience.
- Actively expanded knowledge on Java and delivered features that involved API development, enhancements to JSP pages.

Cognizant., India
Project Associate

April'16 – September'17

- Part of the team, involved in developing a fully functional portal for HR operations.
- Successfully implemented and optimized Karma and Jasmine testing frameworks, resulting in a 30% increase in testing efficiency.
- Met with manager on a weekly basis to provide detailed project report and milestone updates.

Infosys Limited., India
Senior Systems Engineer

August'12 - April'16

- Part of the development team involved in 'Six Digit SKU expansion' (6DSE) Project.
- Responsibilities involved changes to more than 20,000 objects spread across 5 AS400 systems.
- Developed and tested web pages written using Angular JS and .NET MVC.

PROJECTS

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- React Deferrable View:
<https://github.com/nagaraj-real/lazy-intersection-observer>
 - Suspense Loader:
<https://github.com/nagaraj-real/suspense-loader>
 - Travel App using Dot Net MVC
<https://github.com/nagaraj-real/wanderlust>
 - Angular Schematics for React
<https://github.com/nagaraj-real/angular-schematics-react>

EDUCATION & CERTIFICATIONS

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- Bachelors in Electronics and Communications, Kerala University
 - Oracle Cloud Infrastructure 2021 Architect Associate, Oracle
 - Containers & Kubernetes Essentials, IBM
 - CKAD: Certified Kubernetes Application Developer, The Linux Foundation