

ARAVIND KUMAR R

Senior Software Developer

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Kanchipuram, Tamil Nadu, India

Portfolio Site



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SUMMARY

I am a seasoned Full-Stack Developer and Engineering Manager with over 10 years of experience in designing, developing, and deploying scalable web and cloud applications. I have demonstrated leadership by managing cross-functional teams and delivering high-impact projects. With a strong academic foundation and proficiency in Agile methodologies and DevOps, I am committed to driving innovation and aligning technical solutions with business objectives.

Technical Expertise In Full-Stack Development

- Architected and developed modular React.js applications using Redux and Context API for scalable state management.
- Handled resources for RESTful APIs with Node.js and Express/Prisma, integrating with MySQL, PostgreSQL and MongoDB for robust data handling.
- Applied performance optimization techniques including lazy loading and code splitting.
- Mentor the team for Implement automated testing using Jest to ensure code reliability and maintainability

Project Impact & Metrics

- Delivered 5+ enterprise applications with a combined budget of ₹1.2 Crore, achieving 95% client satisfaction.
- Reduced frontend load time by 45%, resulting in improved user engagement and retention.
- Cut cloud infrastructure costs by 30% through optimized resource allocation and auto-scaling.
- Increased deployment frequency from monthly to weekly through CI/CD automation and DevOps practices.

Architecture & Leadership

- Led architecture reviews and technical design sessions to ensure scalable and maintainable solutions.
- Mentored junior developers and conducted regular code reviews to uphold coding standards.
- Facilitated Agile ceremonies including sprint planning, retrospectives, and backlog grooming.
- Collaborated with product owners and stakeholders to align technical deliverables with business goals.

EXPERIENCE

Engineering Manager

Teckconnect

03/2021 - Present

- Led a cross-functional team of 10+ developers in delivering cloud-native applications using React.js and Node.js
- Led the architecture and deployment of scalable microservices leveraging Azure, API Gateway, and MySQL / PostgreSQL, ensuring optimized performance and high availability.

STRENGTHS



Cloud-Native Applications

Strong problem-solving skills and proficiency in developing cloud-native applications



Strategic Planning

Strategic planning and leadership in managing cross-functional teams



Project Leadership

Effective project leadership, ensuring delivery of high-quality software solutions



Azure Automation

Expertise in Azure Automation and CI/CD pipelines



Team Management

Skilled in collaboration and fostering team management

KEY ACHIEVEMENTS



Enterprise Application Development

Delivered 5+ enterprise applications with a combined budget of ₹1.2 Crore, achieving 95% client satisfaction



Performance Optimization

Reduced frontend load time by 45%, resulting in improved user engagement and retention



Cost Efficiency

Cut cloud infrastructure costs by 30% through optimized resource allocation and auto-scaling



CI/CD Implementation

Increased deployment frequency from monthly to weekly through CI/CD automation and DevOps practices

LANGUAGES

Tamil

Native

English

Native

Telugu

Advanced

Kannada

Intermediate

EXPERIENCE

- Implemented CI/CD pipelines in Azure DevOps, reducing deployment time by 40%
- Mentored junior developers and conducted code reviews to ensure best practices and code quality
- Collaborated with stakeholders to define technical requirements and align deliverables with business goals
- Achieved 99.9% application uptime and improved system performance by 30%
- Collaborated with development teams in delivering front-end features using React.js, ensuring alignment with project requirements and timelines.
- Oversaw and supported React.js front-end development, facilitating smooth integration with backend services.

Software Developer

Medabyss RCM Healthcare Services Pvt Ltd

06/2017 – 03/2021 Chennai – India

- Spearheaded the full-stack development of an ERP system supporting modules like Inventory, HR, Finance, and Leave Management, enabling seamless employee self-service and streamlined administrative workflows.
- Built a custom Time Management Tool to monitor work hours and improve team productivity tracking, reducing manual effort by 70%.
- Developed a Target Allocation Application for managers to assign and monitor KPIs, enhancing transparency in performance goals.
- Designed and launched the organization's corporate website using WordPress and custom PHP elements, boosting online visibility and customer engagement.
- Created an engaging Quiz Application to support internal training and knowledge retention through gamified learning.
- Automated the organization's Attendance System using React.js and PHP, integrated with RFID devices, significantly reducing attendance errors and manual logs.

Web Developer

Synamen Thinklabs Pvt Ltd

12/2015 – 06/2017 Chennai – India

- Developed and delivered 20+ responsive WordPress websites with custom themes and plugins for clients across various industries.
- Built interactive web applications using PHP, JavaScript, jQuery, HTML5, and CSS3, improving user engagement and functionality.
- Designed a retail website that led to a 300% increase in client sales, incorporating performance and SEO best practices.
- Migrated legacy websites to WordPress CMS, streamlining content management and reducing long-term maintenance efforts.

ASP.Net Intern

Consortium For Indian Information Technology Education

10/2015 – 12/2015

- Developed as part of a larger client project, this application enables users to upload audio and text files to automatically synchronize subtitles with the audio playback

Freelance Developer

JK Tyre & Industries Limited

01/2015 – 06/2015

- Developed a dynamic web-based application to support the Training Department in planning, executing, managing content, and reporting on training activities across the manufacturing plant

SKILLS

React JS Project Leadership Agile Scrum
Team Management Full-Stack Development UI/UX
Problem Solving Git Web Development & Design
Strategic Planning Node JS Azure Automation
Cloud-Native Applications DevOps (CI/CD Pipelines)
PHP Wordpress HTML5 CSS3 Bootstrap
MySQL PostgreSQL

TOOLS & TECHNOLOGIES

Azure DevOps GitHub Visual Studio Code
Adobe XD Figma Photoshop Postman
NetBeans

EDUCATION

Master of Computer Applications
Sri Venkateswara College of Engineering

08/2012 – 07/2015 | Sriperumbudur, TN

Bachelor of Science (CS)
M.G.R Arts and Science Collage

06/2009 – 05/2015 | Hosur – India

CERTIFICATION

Azure Network Engineer Associate

Windows Server Hybrid Administrator Associate

Azure Virtual Desktop Specialty

Azure Solutions Architect Expert

Azure Administrator Associate

Identity and Access Administrator Associate



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