

# Vignesh Kasthurisamy

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## PROFESSIONAL SUMMARY

Full Stack Developer with 10+ years of experience building scalable web and mobile applications using React Native, React, Node.js, and AWS. Proven track record delivering complex projects for Fortune 500 companies including Sony PlayStation, Cisco Systems, and Pearson Education. Expert in JavaScript ecosystem with strong background in e-commerce, networking, banking, and publishing domains. AWS Certified Cloud Practitioner with expertise in Agile methodologies and cloud deployment.

## TECHNICAL SKILLS

**Frontend:** React, React Native, Angular, ReactJS Hooks, HTML5, CSS3, JavaScript (ES6+), TypeScript

**Backend:** Node.js, Express.js, REST APIs, Microservices Architecture

**Databases:** MongoDB, MySQL, PostgreSQL

**Cloud & DevOps:** AWS (EC2, S3, Lambda), Azure, CI/CD, Jenkins, Docker, Git, GitHub Actions

**CMS & Frameworks:** Adobe Experience Manager (AEM), Next.js, Redux, Material-UI

**Data Visualization:** D3.js, Highcharts, SVG, Recharts

**Other:** Agile/Scrum, TDD, Responsive Design, Accessibility (WCAG), Payment Gateway Integration, AdTech

## PROFESSIONAL EXPERIENCE

### Senior System Analyst

*IBM*

Mar 2022 – Present

*Bengaluru, Karnataka, India*

- Led development of Sony PlayStation Direct, an AEM-based e-commerce platform serving millions of users globally, managing PlayStation games and online services
- Architected and implemented scalable microservices using Node.js and React, improving application performance by 40%
- Collaborated with cross-functional teams across multiple time zones to deliver features aligned with business objectives
- Implemented CI/CD pipelines and automated testing frameworks, reducing deployment time by 60%
- Mentored team of 5 junior developers, conducting code reviews and establishing coding standards

### Senior Associate

*Cognizant*

May 2020 – Mar 2022

*Chennai, Tamil Nadu, India*

- Successfully migrated large-scale Angular application to React functional components using Hooks, reducing codebase complexity by 30%
- Implemented Azure cloud deployment pipelines and managed sprint boards, improving team velocity by 25%
- Served as technical recruiter specialist, identifying and hiring top talent, growing team from 8 to 15 members
- Applied Agile methodologies to ensure on-time delivery of client requirements with 95% satisfaction rate
- Managed and mentored 4 junior developers, tracking deliverables and fostering professional growth

### Lead Engineer / Senior Software Engineer

*HCL Technologies*

Dec 2018 – Apr 2020

*Chennai, Tamil Nadu*

- Developed responsive web components for Cisco DNAC from scratch using ReactJS, building interactive dashboards and topology graphs for network device troubleshooting
- Increased code coverage from 45% to 85%, gaining client confidence and reducing production bugs by 50%
- Built secure web application for military banking sector, ensuring compliance with strict security standards
- Established JavaScript coding standards and best practices, improving code maintainability across team
- Configured and optimized CI/CD pipeline builds, reducing build time by 35%

### Software Engineer / Junior Engineer

*C1X Inc.*

Aug 2015 – Nov 2018

*Chennai, Tamil Nadu, India*

- Built scalable web application from scratch using Angular with integration of multiple external libraries and frameworks
- Implemented comprehensive AdTech solutions including ad placements and payment gateway integration with GST compliance
- Developed interactive data visualization dashboards using Highcharts, D3.js, and SVG for real-time analytics
- Set up CI/CD infrastructure using Jenkins with AWS and S3, automating deployment processes

- Integrated analytics tracking with cookies and connected MongoDB and MySQL databases for data persistence

#### **Process Analyst**

*eGIANTS*

Jul 2014 – Jul 2015

*Chennai, Tamil Nadu, India*

- Converted Word and InDesign formats to digital E-books and Kindle formats, processing 100+ publications
- Performed quality assurance testing for digital books across iPad and Kindle devices

#### **EDUCATION**

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##### **Dr. Mahalingam College of Engineering and Technology**

2011 – 2014

*Bachelor of Engineering in Electronics and Communication Engineering*

#### **CERTIFICATIONS & TRAINING**

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AWS Certified Cloud Practitioner (2023) | The Fundamentals of Digital Marketing | React Hooks | Communication Skills  
| Business Etiquette

#### **KEY ACHIEVEMENTS**

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Team Player Award | Individual Performer Award | Delivered mission-critical projects for Sony PlayStation, Cisco Systems, Pearson Education