

# Bharath Kumar Murugan

Full Stack Developer

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Chennai, India

Experienced Full Stack Developer with 8 years of expertise in developing and maintaining high-quality web applications. Specialized in ReactJS and Node.js with strong experience in RESTful APIs. Proven ability to lead projects, optimize performance, and mentor junior developers. Seeking a challenging role that offers opportunities for professional growth and the chance to contribute to innovative solutions in a global environment.

## Work Experience

### Associate Tech Specialist

Mar 2023 - Present

*Tech Maindra | Chennai, India*

Lead the design, development, and maintenance of scalable web applications using ReactJS (frontend) and Node.js (backend). Collaborate with a UK-based team to understand project requirements and deliver high-quality software solutions. Take ownership of project design and implementation, leading the development of new features and system improvements. Conduct comprehensive code reviews to ensure adherence to coding standards, best practices, and security guidelines. Identify and resolve performance bottlenecks and bugs, ensuring high performance and responsiveness of applications. Create and maintain detailed documentation for code, APIs, and technical processes. Mentor and guide junior developers, sharing expertise in ReactJS, Node.js, and cloud technologies. Developed features for a UK-based food chain client, including PDF generation and AWS S3 integration. Conducted vulnerability assessments on client microservices, improving security by mitigating critical vulnerabilities in npm packages.

### Senior Software Engineer

Dec 2021 - Mar 2023

*Photon Interactive | Chennai, India*

Developed reusable React components for interactive and dynamic frontends, adhering to best practices. Worked closely with cross-functional teams to ensure seamless integration of front-end components with backend APIs. Conducted code reviews, provided technical design input, and trained junior developers to maintain code quality.

### Senior Engineer

May 2020 - Nov 2021

*Mindtree Ltd | Bengaluru, India*

Developed and managed automated cloud infrastructure using Terraform, Docker, and Kubernetes. Implemented cloud automation, reducing annual expenses by \$1 million and ensuring compliance with FedRAMP guidelines. Developed reusable ReactJS components for internal project tracker applications and optimized performance.

### Associate Professional System Engineer

Apr 2019 - May 2020

*DXC Technologies | Bengaluru, India*

Developed an AWS serverless web application using Node.js and AngularJS, providing real-time cloud usage insights. Automated cloud cost optimization processes, reducing resource utilization by 10%.

### Engineer

Sep 2016 - Mar 2019

*Movate | Chennai, India*

Developed a web application integrating CI/CD tools (Git, Jenkins, Jira) with cloud services (AWS). Designed an e-learning portal, increasing user engagement by 75% through an optimized UI/UX approach.

## Core Skills

ReactJS, Node.js, RESTful APIs, PostgreSQL, MongoDB, CI/CD, Docker, Kubernetes, AWS, Team Leadership

## Education

### BS Abdur Rahman University

Aug 2013 - Jun 2016

**MCA** Computer Applications  
GPA 9.0

### University of Madras

Jul 2010 - May 2013

**BCA** Computer Applications  
GPA 7.6

## Certificates

### AWS Certified Cloud Practitioner

Jun 2020

*AWS*

### Kubernetes for Developers

Mar 2019

*The Linux Foundation*