# RAGAVARAAJ DHURAIRAJ

## Senior Full Stack Developer

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## PROFESSIONAL SUMMARY

Results-driven Senior Full Stack Developer with extensive experience building enterprise-grade applications. Led technical transformation initiatives improving performance and achieving cost savings through AWS cloud migration. Expert in React.js/Node.js ecosystems with proven ability to scale development teams while maintaining high application uptime. Specialized in converting complex business requirements into scalable technical solutions using microservices architecture.

## CORE COMPETENCIES

Full Stack Development • MERN Stack • Web Development • Software Development Life Cycle (SDLC) • Agile Development • Scrum Methodology • JavaScript • React.js • Node.js • RESTful APIs • Microservices Architecture • Cloud Computing • AWS • Database Management • Version Control • Git • CI/CD • DevOps • Cross-functional Collaboration • Performance Optimization • Test-Driven Development • Application Development

## TECHNICAL EXPERTISE

### Full Stack Development (6+ Years)

Frontend: React.js, Next.js, TypeScript, Redux, HTML5/CSS3, Tailwind CSS, Material UI
Backend: Node.js, Express.js, Nest.js, RESTful APIs, GraphQL, Microservices Architecture
Databases: PostgreSQL, MongoDB, Redis, DynamoDB

### Cloud & DevOps (4+ Years)

AWS Services: EC2, Lambda, API Gateway, S3, CloudFront, RDS, Fargate
Containerization: Docker, Kubernetes, Infrastructure as Code
CI/CD: Jenkins, GitHub Actions, AWS CodePipeline

# PROFESSIONAL EXPERIENCE

## Senior Full Stack Developer
### Qburst Technologies

<div align="right">Chennai, India
Nov 2021 - Present</div>

- Architect and develop scalable full-stack applications using React.js, Node.js, and cloud technologies for 100K+ daily active users
- Lead cross-functional teams and mentor 5+ junior developers while establishing coding standards and best practices
- Collaborate with product managers, designers, and DevOps engineers in Agile Development environment
- Implement CI/CD pipelines reducing deployment time by 60% and improving software development life cycle efficiency

### WWJ Corp. Software Engineering Platform | Oct 2024 - Present
- ▶ Developed high-performance marketing website using Next.js 15, TypeScript, and Tailwind CSS
- ▶ Implemented SEO optimization strategies resulting in 35% increase in organic traffic
- ▶ Reduced page load time from 4.2s to 1.8s, improving user engagement by 45%
- ▶ Technologies: **Next.js**, **TypeScript**, **Tailwind CSS**, **AWS**, **Google Analytics**

### WHILL Mobility Services Platform | Apr 2022 - Sep 2024
- ▶ Architected microservices-based backend for IoT mobility vehicle management using MERN Stack principles
- ▶ Built RESTful APIs using Nest.js handling 10K+ concurrent requests with 99.9% uptime
- ▶ Reduced infrastructure costs by 35% through optimized AWS Lambda implementations
- ▶ Technologies: **Nest.js**, **PostgreSQL**, **AWS**, **Docker**, **Redis**, **Microservices Architecture**

### WeWork Website Maintenance & Enhancement | Jan 2024 - Apr 2024
- ▶ Maintained and enhanced WordPress-based marketing site using full stack development skills
- ▶ Optimized site performance achieving 90+ Lighthouse scores through web development best practices
- ▶ Enhanced user experience leading to 25% increase in average session duration
- ▶ Technologies: **WordPress**, **jQuery**, **CSS3**

### Prechex UI Component Library | Mar 2022 - Apr 2022
- ▶ Created comprehensive React.js component library for enterprise SPA application
- ▶ Developed responsive components supporting mobile-first design principles
- ▶ Implemented automated testing suite with 95% code coverage
- ▶ Technologies: **React.js**, **TypeScript**, **Styled Components**, **Jest**, **React Testing Library**

### Enterprise ChatBot Platform | 2023 - Present
- ▶ Designed and implemented AI-powered chatbot for customer interactions
- ▶ Enhanced customer support through intelligent query resolution
- ▶ Technologies: **React.js**, **Dialogflow**, **Node.js**, **WebSocket**

## React Developer

**Tata Consultancy Services (TCS)**

- Developed responsive web applications using React.js following software development life cycle methodologies
- Established coding standards and reusable component architecture for application development
- Participated in Agile Development processes and sprint planning with cross-functional collaboration
- Conducted code reviews and knowledge sharing sessions using version control systems

### Resources Maintenance Mobile App | Oct 2020 - Nov 2021

- ► Built web application for field technicians using React and full stack development principles
- ► Implemented offline-first architecture with local database management and data synchronization
- ► Reduced field technician response time by 60% and decreased manual reporting errors by 80%
- ► Technologies: **React Native**, **Redux**, **SQLite**, **REST APIs**

### Mobile Plan Management App | Aug 2019 - Oct 2020

- ► Developed native iOS application for 50K+ active users using application development best practices
- ► Created innovative floating bubble UI for chatbot integration
- ► Optimized app performance through database management and caching strategies
- ► Technologies: **Swift**, **UIKit**, **Core Data**, **RESTful APIs**

## HOBBY PROJECTS

**Morpho CMS - Content Management System**           *Next.js, TypeScript, MongoDB | 2024*

Developing modern CMS using Next.js and TypeScript with role-based access control and content management features. Building with MongoDB for data persistence and Docker for development environment.

**Pi Frame - Digital Photo Frame**           *Go, Linux, Raspberry Pi | 2024*

Created simple photo frame application for Raspberry Pi Zero with direct framebuffer rendering. Built lightweight Go application for embedded system deployment.

**DIY Photo Frame GUI Application**           *Go, Gioui | 2023*

Developed desktop version of photo frame with windowing system support. Alternative implementation that works with windowing servers instead of direct framebuffer using Gioui framework.

## KEY ACHIEVEMENTS

- ★ Led successful migration of legacy system serving 100K+ users with zero downtime
- ★ Reduced application bundle size by 45% through code splitting and optimization techniques
- ★ Established development standards adopted by engineering teams (10+ developers)
- ★ Mentored 5 junior developers with 100% retention rate and 2 promotions achieved

# EDUCATION & QUALIFICATIONS

**Master of Technology - Computational Science**

SRM University, Chennai

2024

**Bachelor of Engineering - Computer Science**

Gojan School of Business and Technology

2019

# LANGUAGES

**English** - Professional Working Proficiency • **Tamil** - Native Proficiency