# Gopinath Muthukrishnan

**Senior Full Stack Developer & Technical Architect**

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## 🎯 Professional Summary

**Senior Full Stack Developer** with 15+ years of experience architecting scalable microservices solutions using **.NET Core, React.js, and Node.js**. Proven track record of **reducing development time by 40%** through reusable component libraries and **improving system performance by 60%** via microservices architecture. Expert in **cloud-native patterns** (AWS/Azure), **CQRS implementation**, and **modern JavaScript frameworks**. Seeking **Senior/Lead Developer** roles in US-based companies with **remote flexibility**.

## 🛠️ Technical Skills

### **Backend & Architecture**

* **.NET Core/Framework** (8+ years) | **C#** | **ASP.NET Web API** | **Entity Framework**
* **Microservices Architecture** | **CQRS Pattern** | **Event Sourcing** | **Domain-Driven Design**
* **RESTful APIs** | **GraphQL** | **gRPC** | **Message Queues** (RabbitMQ, Azure Service Bus)

### **Frontend & Mobile**

* **React.js** (5+ years) | **Angular** | **TypeScript** | **JavaScript ES6+**
* **Redux/Context API** | **Material-UI** | **Responsive Design** | **Progressive Web Apps**
* **HTML5/CSS3** | **SASS/LESS** | **Webpack** | **Vite**

### **Cloud & DevOps**

* **AWS** (EC2, Lambda, S3, RDS, API Gateway) | **Azure** (App Service, Functions, Cosmos DB)
* **Docker** | **Kubernetes** | **CI/CD** (GitHub Actions, Azure DevOps) | **Terraform**
* **Serverless Functions** | **Auto-scaling** | **Load Balancing**

### **Databases & Testing**

* **SQL Server** | **PostgreSQL** | **MongoDB** | **Redis** | **Cosmos DB**
* **Unit Testing** (xUnit, Jest) | **Integration Testing** | **Test Automation** (Selenium, Cypress)
* **Performance Testing** | **Robot Framework** | **Python Automation**

## 💼 Professional Experience

### **Software Engineer 2 / Project Lead** | **Mphasis** | *Mar 2025 - Present*

*Hyderabad, India (Remote)*

* **Led cross-functional teams** of 8+ developers in delivering enterprise-scale applications for Fortune 500 clients
* **Architected microservices solutions** using .NET Core and React, improving system scalability by **3x**
* **Implemented CQRS pattern** with event sourcing, reducing query response time from 2s to 200ms
* **Established CI/CD pipelines** using GitHub Actions, reducing deployment time by **70%**
* **Mentored 5+ junior developers** in modern development practices and architectural patterns

**Key Achievements:** - Delivered major projects on time and under budget - Improved client satisfaction scores by 25% through proactive requirement gathering - Reduced production bugs by 60% through comprehensive testing strategies

### **Senior Full Stack Developer** | **Global Client Technology / Nations Benefits** | *Mar 2023 - Jan 2025*

*Texas, USA (Remote)*

* **Designed component library** serving 12+ microservices, reducing development time by **40%**
* **Built responsive React applications** with TypeScript, serving 100K+ daily active users
* **Optimized API performance** through caching strategies and database indexing, improving response times by **50%**
* **Collaborated with US-based teams** across multiple time zones, ensuring seamless project delivery

**Technical Contributions:** - Migrated legacy monolith to microservices architecture - Implemented real-time features using SignalR and WebSockets - Established code review processes improving code quality by 35%

### **Senior Full Stack Developer / Tech Lead** | **Equadriga Software / Breas Medicals** | *Apr 2022 - Dec 2022*

*Massachusetts, USA (Remote)*

* **Architected microservices platform** using .NET Core and React for medical device management
* **Implemented cloud-native solutions** on AWS, achieving 99.9% uptime SLA
* **Led API design and documentation** following OpenAPI specifications
* **Established automated testing pipeline** using Python and Robot Framework, replacing Java/Selenium

**Healthcare Domain Expertise:** - HIPAA-compliant application development - Real-time patient monitoring dashboards - Integration with medical device APIs

### **Senior Front-End Developer** | **Coducer Tech** | *Jan 2022 - Apr 2022*

*Bangalore, India*

* **Optimized web performance** achieving 90+ Lighthouse scores through lazy loading and caching
* **Mentored junior developers** in React best practices and modern JavaScript
* **Implemented responsive designs** supporting mobile-first approach

### **Technical Architect / Senior Developer** | **Tata Consultancy Services** | *Jan 2010 - Dec 2021*

*Bangalore, India*

* **Progressed from Trainee to Technical Architect** over 12 years
* **Led architecture decisions** for enterprise applications serving millions of users
* **Implemented API Gateway patterns** improving request handling efficiency by **45%**
* **Championed Agile methodologies** across multiple development teams

**Career Progression:** - Trainee Software Engineer → Software Engineer → Senior Developer → Technical Architect - Managed teams of 15+ developers across multiple projects - Delivered 20+ successful enterprise applications

## 🎓 Education & Certifications

### **Master of Science** | Software Engineering

*Anna University, Tamil Nadu, India*

### **Certifications**

* **AWS Certified Solutions Architect** (In Progress)

## 🚀 Key Projects

### **Enterprise Microservices Platform** | *2024*

**Tech Stack:** .NET Core, React, AWS, Docker, Kubernetes - Architected scalable platform serving 500K+ users - Implemented CQRS with event sourcing for audit compliance - Achieved 99.9% uptime with auto-scaling capabilities

### **Healthcare Management System** | *2023*

**Tech Stack:** .NET Core, React, Azure, SQL Server - HIPAA-compliant patient management system - Real-time monitoring dashboards with SignalR - Integrated with 15+ medical device APIs

### **E-commerce Modernization** | *2022*

**Tech Stack:** React, Node.js, MongoDB, AWS Lambda - Migrated monolithic application to serverless architecture - Improved page load times by 60% through optimization - Implemented real-time inventory management

## 🏆 Achievements & Recognition

* **Top Performer Award** - Mphasis (2025)
* **Client Excellence Award** - Nations Benefits (2024)
* **Innovation Award** - TCS (2019, 2021)
* **15+ years** of consistent delivery excellence
* **Zero critical production issues** in last 3 years

## 🌟 Why Choose Me for Your US Team?

✅ **Proven Remote Collaboration** - 3+ years working with US-based teams  
✅ **Modern Architecture Expertise** - Microservices, Cloud-Native, CQRS patterns  
✅ **Full Stack Proficiency** - End-to-end application development  
✅ **Leadership Experience** - Technical mentoring and team management  
✅ **Business Impact Focus** - Delivered measurable improvements in performance and efficiency  
✅ **Continuous Learning** - Staying current with latest technologies and best practices

*Available for immediate start | Open to H1B sponsorship | Flexible with US time zones*