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120 St. Mary's Road
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RAGHU KARNATI

Sr. Full Stack Developer

British Citizen

OBJECTIVE

Certified, results-driven Full Stack Developer with deep expertise in .NET Core, Angular, Azure DevOps, and microservices architecture. Passionate about building clean, maintainable codebases and delivering high-performance, scalable and cloud-ready applications.

EXPERIENCE SUMMARY

- Total experience of over 15 years
- Experience working for high profile clients including European Tour, IRB, BBC Sports, Star Sports, Sky Sports, Fox Sports, ITV
- **RECENT** – Worked as **Sr. Full Stack Developer** at **AON, London**
- **PAST** – Worked as **Sr. Full Stack Developer** at **Freedom to Insure**
- **PAST** - Worked as **Sr. Full Stack Developer** at **JB Drax Honoré**.
- **PAST** - Worked as **Sr. Full Stack Developer** at **Gravity Media, London from February 2017 to April 2020**
- **PAST**-Worked as **Web Developer** at **Deltatre Media, Wimbledon, London from September 2011 till January 2017**.
- **PAST** - Worked as .Net Programmer at CSS Corp Private Ltd, India from Nov 2006 till September 2009.

EDUCATIONAL QUALIFICATIONS

- **Master of Science in Advanced Computer Science** from University of Leicester, UK (Sep 2009 - Jan 2011)
- **Bachelor of Engineer** from Anna University, Chennai, India (Aug 2002 - May 2006)

ACHIEVEMENTS

Holds the following certifications

1. Microsoft certified in .Net Windows forms.
2. Microsoft certified in SQL Server 2008 (MCTS) and SQL DBA 2008 (MCITP)
3. Microsoft Azure Fundamentals (AZ-900)

CORE SKILL SET

Programming:

C#, MVC, RESTFUL Web APIs, VB, SQL, MongoDB

FRAMEWORKS:

ASP.NET MVC, ASP.NET CORE MVC, Entity Framework, Unity, Castle Windsor, AngularJS, Angular 18

SCRIPTING:

JavaScript, JQuery, VBA, Typescript

KEY CLIENTS SERVED

European Tour
IRB
BBC Sports
SKY Sports
Star Sports
ITV



Database Administrator 2008



SQL Server® 2008, Implementation and Maintenance



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TECHNICAL EXPERTISE

Programming Languages	C, C++, C#, VB
Application Frameworks	MICROSOFT.NET (Framework 1.1, 2.0, 3.5, 4.0, 4.5, 5.0), AngularJS (1.5.7), Angular 2, 4, 5, 6, 10, 11, 14
Web Technologies	ASP.NET Framework, ASP.NET Core, MVC, Web Services, WCF, WebAPI, NodeJS
Client-Side Scripting	JavaScript, JQuery, Typescript, VBA
Database(s)	MS SQL Server 2005, 2008 R2, 2012, 2017, MongoDB
Markup Languages	XML, HTML5
IDE	Visual Studio 2005/8/10/12/13/15/17/19/22
Other Technologies	CSS, CMS, Responsive pages using Bootstrap & Foundation framework, XSLT, XPATH, JSON, Agile & Scrum Based Development, TDD, Web Essentials, Grunt, Telerik Kendo UI, Azure WebJobs, Kentico CMS
DI Frameworks	Unity, Castle Windsor
Reporting Tools	SSRS, Crystal, C# Aspose Library to build Excel Reports
Testing Frameworks	MS Unit Test, NUnit, MOQ
Beginner	AWS, Micro Services, documentdb, Umbraco
CI/CD	Teamcity/Octopus and Azure DevOps Pipelines
Azure	Azure Durable Functions, Azure WebJobs, Azure Storage Queues, Docker, Kubernetes (AKS)
Azure AI models	GPT 3.5 turbo & GPT 4 turbo - Job Category Finder - Job Title finder. When given some Job Description, Use AI models to find the Job Title
Azure AI Engine	Azure AI Text to Speech (Used in Accessibility Widget) Azure AI Speech to Text (Used in Accessibility Widget) Azure AI Content Re-Write (Re-write given content to Grade 8 or lower) Azure Image Reader (Used in Accessibility Widget) - To read any text on Image - To describe given Image which is then used for Image Alt tag
Others	TFS, GIT, Google DFP Banners, Google Analytics, Solid Principles, SAGE ACCPAC, Office 365, Access DB, Excel VBA, DocuSign, Kentico, Micro Frontends with Module Federation in Monorepo

PROFESSIONAL EXPERIENCE

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➤ **AON, London**

19th Jul 2021 – 31st Dec 2025

Designation: Sr. Full Stack Developer / Team Lead Developer

Project Details:

1. **Rewards Programme Portal**

- Provides tools and strategies to improve employee performance, engagement, and compensation structures.
- Offers data-driven solutions for workforce planning and analytics.

Solution Environment: Kentico CMS, ASP.NET Core 3.1, C#, MVC, RESTFUL Web API, ASP.NET Core MVC, Bootstrap, JQuery, SQL Server 2016, Angular 14, Angular 18, Angular Material, Angular CLI, Infragistics, GIT, Azure DevOps, Azure WebJobs, Azure Durable Functions, Azure AI Models (GPT 3.5 Turbo & GPT 4 Turbo), Azure AI Content Re-Write (Re-write given content to Grade 8 or lower), Azure AI Engine, Azure AI Text to Speech, Azure AI Speech to Text, Azure AI Image Reader, Azure Storage Queues, Aspose Excel Library, Swagger, Docker, Kubernetes (AKS), CI/CD: TeamCity/Octopus and Azure DevOps Pipelines, Web Application and SQL DB hosted in Azure

Core Work: Developing and maintaining Radnet Web application for Rewards Programme using Agile/Scrum based development methodologies.

Overall Responsibilities:

- Managing the complete software development process from conception to deployment
- Maintaining and upgrading the software following deployment
- Managing the end-to-end life cycle for the production of software and applications
- Overseeing and guiding, analyzing, writing, building, and deployment of software
- Built and maintained ASP.NET Core microservices supporting high-traffic reward systems
- Containerized applications with Docker and deployed to Azure Kubernetes Service (AKS)
- Supported CI/CD pipelines enabling frequent, low-risk releases
- Worked with SQL Server on schema design and performance optimization
- Monitored production systems using Azure Monitor and Application Insights
- Collaborated with DevOps and platform teams to troubleshoot production and Kubernetes issues
- Migrated Angular monolith applications to MonoRepo architecture and managing it.

➤ **Freedom to Insure, Aldershot, UK**

7th Sep 2020 – 9th July 2021

Designation: Sr. Full Stack Developer

Project Details:

2. **Freedom Hub Portal (Angular 11 Frontend & ASP.Net Core Web API)**

Solution Environment: ASP.NET Core 3.1, C#, MVC, RESTFUL Web API, ASP.NET Core MVC, Bootstrap, JQuery, SQL Server 2016, Angular 11, Angular Material, Angular CLI, workflow-core, GIT, Azure DevOps, Swagger, CI/CD: TeamCity/Octopus, Web Application and SQL DB hosted in Azure

Core Work: Migrating ASP.Net Web Forms application to Angular 11 and ASP.Net Core Web API backend using Agile/Scrum based development methodologies.

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Overall Responsibilities:

- Create prototypes based on business requirements.
- Develop custom web applications with a particular focus on user interface/user experience.
- Configure, manage and maintain backend webservers.
- Support existing applications under development.
- Work with the QA team to ensure test cases are relevant and cover all functional requirements.
- Strategize organizational direction on emerging technology platforms and communicate the effectiveness to executive stakeholders
- Undertake additional training and development tasks as requested by team lead or manager.
- Creation/Update of the Technical Support Document and Standardization Document

➤ JB Drax Honoré, London

3rd June 2020 – 31st July 2020

Designation: Sr. Full Stack Developer

Project Details:

1. Structured Products (Web Application & Web API)

Solution Environment: ASP.NET Core 3.1, C#, MVC, RESTFUL Web API, ASP.NET MVC, Angular 9, Telerik Kendo UI, JQuery, SQL Server 2016, .NET Quartz Services

Overall Responsibilities:

- Helped the team in delivering a small feature for the clients (brokers) trading portal.

➤ Gravity Media (UK.) Ltd, Watford, London

20th Feb 2017 – 30th April 2020

Formerly Known as Gearhouse Broadcast Ltd.

Gearhouse Broadcast Ltd has been trading as Gravity Media (UK.) Ltd since 1st November 2019

Designation: Full Stack Developer

Project Details:

1. Project Management (Web Application)

Solution Environment: ASP.NET MVC 5, C#, RESTFUL Web API, Telerik Kendo UI, Bootstrap, JQuery, SQL Server 2008 R2 & 2017, SSRS Reports, SAGE ACCPAC ERP 6A, ServiceNow, Agile/Scrum based development methodology.

2. IT Inventory (Web Application)

Solution Environment: ASP.NET Core MVC, C#, RESTFUL Web API, Telerik Kendo UI, Bootstrap, JQuery, SQL Server 2008 R2, Angular 4, Agile/Scrum based development methodology.

3. Stock Management (Web Application)

Solution Environment: InspHire Software (Third Party), ASP.Net MVC 5, Telerik Kendo UI, Angular 4, Bootstrap, MS Access DB (VBA), RESTFUL Web API, SQL Server 2008 R2 & 2017, SSRS Reports, Crystal Reports, SAGE ACCPAC ERP 6A,

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Agile/Scrum based development methodology.

Overall Responsibilities:

- Develop an in-depth knowledge of the company's application portfolio, development tools, and development procedures.
- Actively participate in the development and review of business and system requirements to obtain a thorough understanding of business needs to deliver accurate solutions.
- Provide development activities level of effort and duration estimates for schedule planning. Developer is expected to proactively manage activities to deliver required work on time.
- Design application solutions that fully implement business requirements.
- Develop high quality software code in accordance with established company standards and development guidelines.
- Produce technical documentation that accurately and thoroughly depicts the software design and code base. The documentation needs to sufficiently assist QA testing and production support activities.
- Perform adequate unit testing of own and other developers' application development work. At a minimum, unit testing should ensure all requirements have been addressed, all basic functionality works, and errors are handled properly.
- Expeditiously troubleshoot application production issues that resolve the issues without causing additional problems.
- Review and analyze the effectiveness and efficiency of existing systems and develop strategies for improving or further leveraging these systems.
- Provide updates to the Application Development Manager and Project Managers on work in progress, work completed, work planned, and issues potentially impacting the on-time completion or quality level of work.
- Perform systems analysis and functional testing as needed.
- Complete project responsibilities including design, coding, unit testing, and documentation on time at required quality level. Performance will be measured by timely completion, quality, and quantity of work delivered. All schedule dates should be met except for approved date changes by Application Development Manager or Project Manager.
- Perform code reviews, unit testing, and system testing as needed for other developers' efforts. At a minimum, code reviews, unit testing, and system testing should ensure all requirements have been addressed, all basic functionality works, and errors are handled properly.
- Support all current applications, as well as take lead in new application development initiatives to rewrite older applications in newer technologies.

➤ **Deltatre Ltd, Wimbledon, London**

26th Sep 2011 – 13th Jan 2017

Designation: Application/Web Developer

Project Details:

1. **European Tour Website** Web Developer, Jan 2015 – Jan 2017

Solution Environment: Deltatre CMS1, Deltatre CMS2, ASP.NET, MVC, C#, VB, AngularJS, Web services, RESTFUL Web API, SQL Server 2008, Forge

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Overall Responsibilities:

- Design and implementation of the overall web architecture
- Implementing frontend UI based on the wireframes and making sure pages are responsive across various view port sizes.
- Design and deployment of our database
- Ensuring the entire stack is designed and built for speed and scalability
- Design and construction of our REST API
- Integrating our front-end UI with the constructed API
- Design and implementation of continuous integration and deployment

2. **BBC Studio New Season Setup(Football)** Team Lead, July 2015

Solution Environment: Deltatre CMS1, ASP.NET, C#, VB, Windows Service, Web Service, SQL Server 2005, VIZRT Graphics

Overall Responsibilities:

- Responsible in making sure the applications are setup and ready for the new football season
- Managing the complete software development process from conception to deployment
- Maintaining and upgrading the software following deployment
- Managing the end-to-end life cycle for the production of software and applications
- Overseeing and guiding, analyzing, writing, building, and deployment of software
- Overseeing the automated testing and providing feedback to management during the development process
- Modifying and testing changes to previously developed programs

3. **CSM ISA Web Application** Web Developer, Nov 2014 - Dec 2014

CSM - Chime Sports Marketing, <https://www.csm.com/>

Solution Environment: ASP.NET, MVC, C#, SQL Server 2008

4. **BBC Beat the Feed Web Application** Web Developer, Sep 2014 - Oct 2014

Solution Environment: ASP.NET, MVC, C#, Web services, SQL Server 2008

5. **Data Bridge** Senior Application Developer, Jul 2014 - Aug 2014

Solution Environment: C#, WPF, SQL Server 2008

Client: Fox Sports (Singapore)

6. **Magma Web Application** Web Developer, Mar 2014 - Jul 2014

Solution Environment: ASP.NET, C#, WPF, Web Services, Web API, SQL Server 2008

Client: Fox Sports (Singapore)

7. **Lineup Application** Senior Application Developer, Feb 2014 - Mar 2014

Solution Environment: C#, WPF, Web Services, SQL Server 2008

Client: Premier League

8. **StarSports.com** Database Developer, Oct 2013 - Feb 2014

Solution Environment: Deltatre CMS1, ASP.NET, VB, SQL Server 2005

9. **EasyOps Application** Senior Application Developer, Sep 2013

Solution Environment: C#, Windows Application

10. **SportsML Processor** Senior Application Developer, Jul 2013 - Aug 2013

Solution Environment: C#, Windows Service

11. **www.irb.com** Web Developer, Jan 2013 - July 2013

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Solution Environment: Deltatre CMS1, ASP.NET, VB, Web Services, SQL Server 2005

Client: International Rugby Board

12. **BBC FTB Application** Application Developer, Nov 2012 - Dec 2012

Solution Environment: C#, Windows Application, SQL server 2005, MS Access

13. **SKY d3D Client Application** Application Developer, Oct 2012

Solution Environment: C#, Windows Application, Web Services

14. **ITV TweetToTRIO** Application Developer, Aug 2012 - Sep 2012

Solution Environment: C#, Windows Application

15. **BBC Extranet Web Application** Web Developer, May 2012 - Jul 2012

Solution Environment: Deltatre CMS 1, ASP.NET, C#, Web Services, SQL Server 2008

16. **BBC Backend Web Application** Web Developer, Feb 2012 - Apr 2012

Solution Environment: ASP.NET, C#, Web Services, SQL Server 2008

17. **BBC d3D Client Application** Application Developer, Nov 2011 - Jan 2012

Solution Environment: C#, Windows Application, SQL Server 2008

➤ **CSS Corp Private Ltd, India** **Nov 2006 – Sep 2009**

Designation: .Net Programmer

Projects:

1. Slash Support Intranet Website
2. File Tracking & Management System
3. Personal Information System

Other Credentials

Full Name

Raghu Karnati

Gender

Male

LinkedIn

<https://www.linkedin.com/in/raghukarnati>

Notice Period

Available Immediately

Work Authorization

British Citizen

Work Location

London

Languages Known

English, Hindi, Telugu & Tamil