SRI SAI NIKHITH VAKULABHARANAM

United Kingdom | Contact: +44 7586597557| [nikhithuk@gmail.com](mailto:nikhithuk@gmail.com) |LinkedIn: in/srisainikhith

**Full Stack Developer**

Having graduated with an MSc**. in Computer Science with Industrial Placement** from **University of East London** and over **4 years** of **IT Software Development** experience, I am actively looking for **Full-stack developer** roles. **I have the right to work in the UK and am willing to relocate**. Committed to deliver top- notch solutions that align seamlessly with project goals, exceeding expectations

**SKILLS AND**

**CERTIFCATIONS**

# Core Competency:

Agile Project Management  Full Stack Development: Angular, .Net C#, SQL, MongoDB, MySQL  Documentation  Continuous Integration/Continuous Deployment (CI/CD)  Version Control  Quality Assurance and Testing: Jasmine, Karma  DevOps and Cloud Solutions: Azure, Google Cloud, AWS, Docker  Collaboration and communication  Integration with third-Party Tools  Cloud migration  Google Cloud optimization  Python

# Certifications:

MTA-Database Administration Fundamentals  MTA-Networking Fundamentals  MATLAB Essentials  AWS Cloud Practitioner Essentials

**EDUCATION**

**May 2022 – Feb 2024: University of East London, United Kingdom**

# Master of Science in Computer Science with Industrial Placement: Distinction

* **Specialization**: Advanced Software Engineering, Big Data Analytics, Cloud Computing, Artificial Intelligence.
* **Dissertation**: Thesis on Tactile Sensing of Epidural Needle into Spinal Column

**Apr 2015 – May 2019: Jawaharlal Nehru Technological University, India**

# Bachelor of Technology – Computer Science and Engineering: 2:1

* **Specialization**: Software Engineering, Database Fundamentals, Computer Networks, Information Security.
* **Dissertation**: Surveillance of people in defense organization using Object Recognition and TensorFlow Framework

**WORK EXPERIENCE**

**Sep 2024 – Present: Step8Up Ltd, UK as Software Trainer**

# Job Profile:

**June 2023 – Jan 2024: University of East London, UK as Research Scholar**

# Job Profile:

* Led diverse projects during a 12-month placement, developing innovative solutions and enhancing work-based skills across four projects.
* Conducted data analysis on a 36,700-record IEEE dataset, authored a systematic literature review on epidural needle tactile feedback (reviewing 365 papers), and applied quality checks using an 8-question checklist.
* Published a conference paper, initiated a systematic literature review, and developed a pavement maintenance system within 48 days, demonstrating strong research, time management, and professional commitment.

# Technology Incorporated:

Scholarly Research, Literature, Research and Development (R&D), Arduino, Biomedical Engineering, Haptic technology

**May 2021 – Dec 2022: Qualminds, India as Senior Software Engineer**

# Job Profile:

* Mastered .NET technologies during a six-month probation period, actively contributing to multiple development projects.
* Developed and deployed six+ vehicle dealer applications (Ford, Mitsubishi, BMW, etc.), integrating email and mobile communication features.
* Optimized email reporting processes, achieving 98% efficiency, and implemented tools like Hangfire Worker, RabbitMQ, and cloud BI solutions with Google Cloud.
* Managed cloud database platforms (BigQuery, Redis), enhancing query response times by 20% and improving deployment efficiency with Docker.
* Collaborated in an agile environment, adapting to evolving requirements, and contributed to a 15% increase in team productivity.
* Streamlined DevOps processes with CI/CD tools (Atlassian, Jenkins), ensuring 99% build reliability and enhancing repository management through efficient branching strategies.

# Technology Incorporated:

.NET Framework, Microsoft SQL Server, Google Cloud Platform (GCP), Angular, Hangfire Worker, Rabbit MQ, BigQuery

(Google Cloud), Redis

# Apr 2019 – May 2021: Audree Infotech, INDIA as Full-stack Software Developer Job Profile:

* Co-ordinated to 7+ projects such as Annual Product Quality Report, Laboratory Information Management System, Quality Management
* System, HRM Project, and Learning Management System
* Acquired essential skills in 5 months, transitioning to active development of ERP solutions
* Served as a Team Lead for a group of 6, overseeing the development process without major flaws and persuading the importance of collaboration
* Led the migration of the Electronic Log Management System project from Web Forms to an ASP.NET 3.0 applications, implementing a modernized architecture
* Implemented Continuous Integration/Continuous Deployment (CI/CD) practices, streamlining development and deployment processes
* Incorporated version control systems, particularly Git, to manage the project's source code. Created Git repositories, implementing secure access through keys, preparing a controlled and facilitated environment for
* collaborative development
* Demonstrated a commitment to continuous learning and hands-on application of technologies, completing 15+ skill enhancement courses and certifications

# Technology Incorporated:

.Net MVC, Angular, jQuery, JS, SQL Server, IISHosting, DevOps tools (CI/CD), GMP standards, .Net API's, Git, Docker, Jenkins, AWS, SonarQube, Slack, Microsoft Teams

# Feb 2016 – May 2017: Centinel Spark Technologies, India as Student Intern

# Job Profile:

* Developed proficiency in microcontrollers and programming, specializing in C++ and Python.
* Designed and implemented seven IoT proof-of-concept models, including Farm Automation, Blind Stick, and Rubik's Cube Solver.
* Trained and mentored 300+ high school students on Raspberry Pi and Python basics as part of a Government STEM initiative.
* Explored ethical hacking concepts, including decryption and encryption, using tools like MP3Stego,

OpenStego and iWatermark.

* Received hands-on training in 2D game development using Unity Engine, covering fundamental aspects of

game design.

* Engaged in 15+ projects, applying diverse technologies and enhancing problem-solving skills through

practical experience.

# Technology Incorporated:

Micro-controllers, IoT, Python, Unity Engine, Raspberry Pi, Hmac and Sha-256 Cipher encryption and decryption algorithms