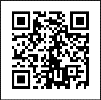
** Sampath Sai Varukolu**   
 sv969@nau.edu | +1-(928)-221-1124 | [LinkedIn Profile](https://www.linkedin.com/in/sampath-sai-varukolu-3874231b1/) | [Portfolio](https://sv969.github.io/github-portfolio/)

**Professional Summary**

* I am an experienced Software Developer with over **8** **years** of hands-on experience developing and designing scalable, secure, and robust software solutions.
* I am proficient in Node.js, Express.js, .NET Web API, Python, C, C++, Data Structure, TypeScript, JavaScript, JSON Web Token, MongoDB, SQL Server, Angular, React, Redux toolkit, Saga, Machine Learning, HTML5, CSS, SCSS, and SASS.
* Proficient in managing and orchestrating Docker containers, optimizing images, automating workflows, and ensuring security and performance.
* Design, build, deploy, and optimize machine learning models, data preparation, and monitoring.
* Collaborate with teams to apply AI/ML solutions, while solving complex problems and communicating technical concepts.
* Skilled in back-end and front-end development, utilizing technologies like NodeJS, and ExpressJS, and engaging with GIT, TFS, and JIRA.

Strong problem-solving abilities and a passion for continuous learning. Proven record of accomplishment in mentoring junior developers and fostering a collaborative work environment.

**Key Responsibilities**

* Develop and design scalable, secure, and robust software solutions.
* Build back-end services with Node.js, Express.js, TypeScript, JavaScript, .NET Web API, JSON Web Token, MongoDB, and SQL server leveraging NestJS and Prisma for enhanced application performance.
* Perform front-end development with Angular, React, Redux toolkit, and Saga to create responsive and visually appealing interfaces.
* Build in custom React Hooks using functional components.
* Utilize HTML5, CSS, SASS, and SCSS for engaging web page development.
* Implement comprehensive testing strategies using tools like Postman and Swagger.
* Designed, built, and optimized machine learning models through data preparation, feature engineering, and continuous monitoring for improved accuracy and performance.
* Collaborated with cross-functional teams to apply AI/ML solutions to business challenges, solving complex problems and effectively communicating technical concepts to stakeholders.
* Collaborate with cross-functional teams for feature definition, design, and deployment.
* Using Git, developers can work together seamlessly, keep track of code changes, and handle multiple project versions efficiently.
* Mentor junior team members and foster a knowledge-sharing environment.
* Stay updated with the latest trends and technologies in software development.
* Jira helps teams efficiently plan, track, and manage software projects with issue tracking and agile project management.

**Professional Experience**

**Senior Software Developer**  
Tech Mahindra, Hyderabad, Telangana  
Jan 2021 – Aug 2023

* Developed scalable back-end services using Node.js, .NET, .NET Web API, TypeScript, SQL Server, and MongoDB.
* Led front-end development projects using Angular, React, Redux toolkit, and Saga ensuring responsive and aesthetically pleasing interfaces.
* Created engaging web pages with HTML5, CSS, and SASS.
* Devised comprehensive testing strategies with Swagger.
* Collaborated with cross-functional teams to define, design, and deploy new features.
* Mentored junior developers, fostering a collaborative and knowledge-sharing environment.
* Stayed abreast of the latest trends and technologies in software development.

**Senior Software Developer**  
Yash Technologies, Hyderabad, Telangana  
Aug 2020 – Jan 2021

* Built back-end services using Node.js, Express.js, .NET Web API, and MongoDB, ensuring scalability and security.
* Developed responsive front-end interfaces with Angular, React, HTML5, CSS, and SASS.
* Implemented testing strategies using Swagger to ensure application reliability.
* Collaborated with cross-functional teams to deliver high-quality software solutions.
* Provided guidance and mentorship to junior team members.

**Education**

**Bachelor of Science in Computer Science Master of Science in Computer Science**  
JNTU-H, Hyderabad, Telangana Northern Arizona University, Flagstaff, Arizona  
June 2008 – May 2012 (GPA – 7.5) Aug 2023 – May 2025 (CGPA – 3.90)

**Certifications**

* Certified in Full Stack Development (MEAN, MERN, & .NET) by Udemy in 2019.
* Certified in Project Management by Great Learning in the year 2024.
* Certified in Hands-On Docker Tutorial for Beginners by Udemy in 2024.

**Achievements**

* Recognized for my contributions to the Nodal Model application, I received appreciation from the company director and client for my dedication to delivering high-quality solutions.
* Worked in a key developer role at an offshore location while project migration from classic VB.NET to Angular, React, and Node JS.

**MORE DETAILS OF EARLIER PROJECTS & RESPONSIBILITIES WILL BE PROVIDED ON REQUEST**