

SATHYA LAHARI NUKA | Full Stack Developer

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Summary

As an experienced **Full-Stack Developer** with more than 3 years of experience, I specialize in blending frontend and backend technologies to craft engaging software and websites. I'm skilled at managing databases to ensure efficient data handling. Additionally, I excel in deploying Cloud applications, prioritizing performance, and scalability for ongoing improvement. My strengths lie in managing Data Structures effectively, solving problems with ease, and communicating clearly to encourage teamwork. I also have experience in Software Development Life Cycle (SDLC), Agile methodologies, and project management, which enables me to oversee projects smoothly, promote innovation, and support growth.

Experience

AIG, TX - Full Stack Developer Intern

Sep 2023 - Present

- Spearheaded the enhancement of front-end web applications, employing modern web technologies, particularly Angular, resulting in a substantial 20% reduction in page load times. This optimization concurrently led to increased conversion rates and adherence to best practices for an enhanced user experience and accessibility.
- Implemented advanced features such as pagination, dialogs, date-picker, and autocomplete utilizing Angular Material, contributing to an interactive and user-friendly application interface.
- Revitalized and optimized legacy ASP.Net Web API code, realizing a notable 12% performance boost. Simplified ongoing maintenance by introducing and adhering to modern design patterns, ensuring scalability and code sustainability.
- Utilized Entity Framework as a robust data access layer, seamlessly connecting to SQL Server for RESTful ASP.NET Web API services. This strategic approach significantly enhanced data management and retrieval capabilities within the application.
- Designed and developed custom, versatile modules and components, extending the core capabilities of Angular. This involved creating reusable elements that contributed to code modularity, scalability, and efficiency.

Infosys, India - Digital Specialist Engineer (Full Stack Developer)

Sept 2020- Aug 2022

- Led architectural aspects of independent projects, translating technical requirements into solution architecture.
- Orchestrated the design and implementation of an integrated Microsoft SQL Server database, leveraging Angular architecture, resulting in on-demand access to detailed feedback, driving data-driven decision making and streamlining business processes.
- Created well-documented and easy-to-use APIs. Deployed API's following RESTful standards to allow users to submit information by storing data in SQL.
- Created accessible, responsive, and functional user interfaces to allow visitors on any device to have the same perfect user experience.
- Tested software for bugs and operating speed, fixing bugs, and documenting processes to increase efficiency by 33%.
- Hands-on experience in creating and deploying pipelines for efficient software development and deployment processes, ensuring seamless and automated workflows. Collaborated with a team of developers and designers to deliver high-quality software solutions.
- Utilized Azure Functions and Web Jobs to fulfill application requirements effectively.
- Implemented security measures, including authentication and authorization. Utilized Azure Active Directory for identity management and secure data transmission with HTTPS.

Prop Technologies, India - Full Stack Web Developer (MEAN Stack)

Jan 2019 - Mar 2020

- Optimized UIs for responsiveness and low latency using server-side rendering (SSR) or dynamic component loading strategies, guaranteeing responsiveness regardless of device or connection.
- Followed agile methodologies like Scrum for project management, prioritizing tasks and iteratively delivering features. Utilized Git for version control, enabling effective collaboration, code tracking.
- Employed MongoDB CRUD operations to manipulate data and manage database access, ensuring seamless data transmission via RESTful web services.
- Proficient in creating RESTful APIs using Express.js, adhering to best practices for security, scalability, and maintainability. Leveraged tools like Postman for API testing and documentation.
- Committed to writing unit, integration, and end-to-end tests for all development stages, ensuring code quality and functionality. Use tools like Jest and Jasmine for unit testing and Protractor for end-to-end testing.

Education

Masters in Engineering Data Science

University of Houston, TX

Dec 2023

Bachelors in Information Technology

CVR College of Engineering, India

Aug 2020

Skills

Technologies:	Python, .NET, Java, C, C#, HTML5, CSS, JavaScript, TypeScript.
Frameworks/Libraries:	Angular, ReactJS, ASP.NET, ADO.NET, Bootstrap, Express.js, Node.js, Golang, OpenAPI, JSON, HTTP, jQuery, REST APIs, SOAP.
Databases:	MySQL, Microsoft SQL Server, PL/SQL, PostgreSQL, T-SQL, NoSQL, MongoDB.
Cloud	Microsoft Azure - Azure Functions, Web Jobs, Storage Accounts, Azure logic Apps, Azure Queues, Azure Active Directory.
IDE & Tools:	Docker, Android Studio, SSIS, SSRS, PowerBI, GitHub, Microservices, VBA, Tableau, Postman, Swagger UI, Webpack, Gulp, SonarQube, Jenkins, Visual Studio, Visual Studio Code.
Other Skills:	Data Structures, Machine Learning Algorithms.
Methodologies & PM Tools:	SDLC, Agile, JUnit, Jasmine, Karma, JIRA, Slack, Azure Boards.