

Santhosh Goud Saara

Associate Engineer | 1+ year

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Professional Summary

- Associate Backend Engineer with 1+ years of experience in developing web applications.
- Demonstrated strong expertise in API (REST, web) development using .NET technologies.
- Expertise in designing and developing RESTful APIs using Node.js and Express.
- Skilled in designing and implementing robust and scalable APIs using the .NET framework.
- Proficient in utilizing industry best practices for API development, including versioning, documentation, and security.
- Experienced in integrating APIs with various systems and databases for seamless data communication.
- Strong understanding of RESTful principles and API design patterns.
- Knowledgeable in utilizing .NET tools and frameworks for efficient API development and testing.
- Dedicated to delivering high-quality solutions that meet client requirements and enhance user experiences.
- Successfully integrated APIs with MySQL databases, leading to a significant improvement in data processing speed and API response time.
- Skilled in frameworks including Express JS, Angular, and Asp.Net Core.
- Strong understanding of authentication and authorization mechanisms, ensuring data security and user access control.
- Experienced in testing APIs using Postman for thorough validation and quality assurance

Technologies/Core competencies

- Programming Languages: JavaScript, C#
- Frameworks: Express.js, Angular, Asp.Net Core, Asp.Net MVC, Ado.net, Entity Framework.
- Web Technologies: HTML5, CSS
- Databases: MongoDB, MySQL, PostgreSQL, SQL, PL/SQL
- Data Science and Analytics: Numpy, Pandas, Py spark
- API Development and Testing: Redis, Postman
- Version Control and Collaboration: Git, GitLab
- Cloud Computing: EC2, Azure Functions, Docker
- Low-Code Development: Power Apps
- Tools/IDE: Visual Studio, Visual Studio Code
- Containerization Platforms: Docker

Education

B. Tech., JNTU Hyderabad, 2021.

Experience

Innominds Software Pvt. Ltd - Associate Engineer.
Dec 2021 – Present, Hyderabad, India

Certifications:

Azure AZ900 (ID: I597-1173) - Microsoft
AWS Fundamentals (ID: 6FTGXHVGMZK7) - Coursera
SQL Fundamentals (ID: L7NAFLXTWBZQ) - Coursera
Java Fundamentals (ID: D599B4340E1C) – Hacker Rank
Python Fundamentals (ID: 3KQ2SVPL8CLM) - Coursera

Contributions/Other Interests

<https://www.hackerrank.com/18R05A0535>

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Project Details

INNTACT	<p>Responsibilities:</p> <ul style="list-style-type: none">● Design and develop the backend web application to handle data collection and communication with the monitoring devices.● Implement secure and efficient data transmission protocols.● Ensure the API is scalable, reliable, and able to handle high volumes of data.● Implement authentication and access control mechanisms to protect sensitive data.● Design and develop the software solution for monitoring shipment location and condition.● Implement real-time tracking of temperature, pressure, humidity, and other relevant parameters.● Integrate vehicle telematics to provide insights into vehicle performance, location, and potential breakdowns.● Create a user-friendly interface for clients to access and analyse data.● Ensure data security and privacy measures are implemented. <p>Stack: HTML5, CSS, JAVASCRIPT, C#, ASP.NET CORE, Entity Framework, MYSQL, Postman, Azure DevOps.</p> <p>Project Description: The most significant risk of cold chain logistics is maintaining product integrity: quality and freshness of food products, potency and efficacy of medical products, and safety of chemicals. Even the slightest temperature, pressure, or humidity excursions result in damaged consignments and loss of millions of dollars. Additionally, vehicle breakdown delays might lead to unsatisfied customers and spoilage of perishable goods. Experience the power of shipment location and condition monitoring combined with vehicle telematics in a single solution</p>
LucidAct	<p>Responsibilities:</p> <ul style="list-style-type: none">● Created APIs using .NET Core as per the business requirement.● Uploaded user data into an S3 bucket in AWS by using the AWS-SDK module.● Integrated the job notifications in email and Slack using the corresponding APIs.● Created script files to dump data from Excel to Mongo DB and from Mongo DB to Excel data.● Provided authentication and authorisation for each user to access the data based on their roles.● Generated a token using a JSON web token (JWT) to validate the users. Created activity records to check user activities.● Developed the PDF by incorporating patient information using Angular. <p>Stack: AWS S3, Angular, .Net Core, JavaScript, MongoDB, GIT, GitHub.</p> <p>Project Description: This healthcare application empowers healthcare teams to provide proactive, truly personalized care and avoid unnecessary hospitalization after discharge. The connected care experience leverages LucidAct's AI technology by bringing together and analyzing data from multiple EMR systems, in-home monitoring devices, and insurance claims history to deliver better outcomes, and higher patient satisfaction, and generate additional revenue for providers.</p>