


Nagothi Jaswanth Sai

Full Stack Developer

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-  Navi Mumbai, Maharashtra

PROFILE

Detail-oriented and performance-driven Full Stack Developer with 2+ years of experience in designing and deploying secure, scalable web applications using **React.js, .NET Core, and SQL Server**. Proven success in building reusable UI components, REST APIs, and third-party integrations for enterprise clients in the insurance and finance domains. Skilled in agile environments with a focus on clean code, API security (JWT), and real-time monitoring (Azure)

EDUCATION

K.S. School of Engineering and Management
Computer Science Engineering
2018 – 2022 | Bangalore, India


SKILLS

.Net Core | React Js | C# | ADO .NET |
SQL Server | Entity Framework | Azure |
JavaScript | MVC | HTML | CSS |
Syncfusion | Microservices | Docker |
Rest Apis

CERTIFICATES

- PGP In Full Stack Software Engineering From NIIT Stack Route

LINKS

LinkedIn 
<https://www.linkedin.com/in/jaswanth-sai-49b6aa234>

Git Hub 
<https://github.com/jaswanthsai7>

Portfolio 
<https://jassu-portfolio.vercel.app/>

AWARDS

Best Performance Award

Cogitate Technology Solutions

- Recognized for strong ownership of the Billing product and delivery of key solutions across high-impact client projects.

PROFESSIONAL EXPERIENCE

Full Stack Developer – 2+ Years of Experience

Cogitate Technology Solutions

07/2023 – present | Navi Mumbai, India

- Built modular, reusable **React.js** components and **custom hooks**, accelerating UI delivery and reducing redundant development effort.
- Designed and integrated secure **RESTful APIs with ASP.NET Core**, enabling seamless communication between frontend and backend.
- Developed **payment gateway integrations (EPay and OneInc)** with robust backend validation, error handling, and transaction monitoring.
- Engineered scalable **PDF generation** and automated email systems, reducing manual workflows.
- Implemented **secure SFTP/FTP pipelines** for automated, encrypted file transfers with **banking partners (e.g., Wells Fargo)**, ensuring compliance and reliability.
- Optimized **SQL Server queries and stored procedures**, improving backend performance and reducing query response times by up to 30%.
- Integrated **Azure Application Insights for real-time telemetry**, diagnostics, and production monitoring.
- Secured APIs using **JWT-based authentication and role-based access control** to enhance security.

PROJECTS

API Vault – Secure API Key Management (Full Stack)

Tech Stack: ASP.NET Core 8, Entity Framework Core, React, Azure SQL, JWT, BCrypt, AES Encryption, REST API

Live : [api-key-vault](#)  **GitHub**: [api-key-vault](#) 

- Built a secure API management platform using **.NET Core 8 with Azure-hosted SQL Server** for ApiKey Generation, manage users, API keys, scopes, and audit logs.
- Developed custom middleware for **API key encryption, scoped validation, and granular role-based access control** at the route level.
- Implemented **JWT-based authentication with AES-encrypted credentials** from frontend and **BCrypt-secured storage for high data integrity**.
- Designed a clean, scalable backend with **layered architecture** (Services, Repositories, DTOs) and global exception handling.
- Created a minimal, modern frontend in **React + Tailwind for managing keys, monitoring** usage, and testing protected endpoints.

QueryAI – AI-Powered SQL Query and Data Visualization

Tech Stack: React, .NET Core 8 (REST APIs), Vite, Tailwind, PostgreSQL, Gemini API (Google AI), Vercel, Render

Live : [query-ai](#)  **GitHub** : [query-ai](#) 

- Developed a **full-stack AI application** that allows users to query structured data using natural language.
- Integrated **Gemini API (Google AI)** to convert user input into optimized SQL queries.
- Built a dynamic UI with **real-time AI chat**, interactive data grid (pagination, filtering, sorting), and **visual analytics** (bar, pie, line charts) using Recharts.
- Implemented **secure authentication (JWT)** and optimized backend query performance using **caching and SQL tuning**.
- Deployed frontend on Vercel and backend on Render, ensuring seamless **CI/CD and CORS-compliant API communication**.