

GANGADHARA S N

Senior Software Engineer at Starmark Software

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Professional Summary

Full Stack Software Engineer with expertise in developing web applications and APIs for microservices using Angular, .NET Core, SQL, and NoSQL technologies like CosmosDB and Elasticsearch. Proven track record of designing scalable solutions that enhance system performance and reliability. Recognized with multiple Spot Awards and the Golden Star Award for exceptional performance. Strong problem-solving skills with a commitment to delivering high-quality software solutions.

Skills

Frontend: Angular, JavaScript, Typescript, jQuery, HTML/CSS.

Backend: .NET Core, API, MVC, Microservices, Window Service using Quartz, SQL, Elasticsearch, Cosmos DB.

Tools: Jenkins, Postman, SonarQube, JMeter, TFS, Logstash, Git, Visual Studio Code, Visual Studio.

Other Skills: OAuth 2.0, CI/CD pipeline.

Experience

Senior Software Engineer

2024 - Present

Starmark Software

Bengaluru, Karnataka

- Managed and led a team of software engineers, providing technical leadership and mentorship.
- Developed **Multi-Factor Authentication (MFA)** solutions supporting **Authenticator App**, **SMS** and **Email**, with customer-configurable options.
- Designed and built **monitoring tools** based on system logs to ensure proactive monitoring and efficient issue resolution.
- Actively reviewed and improved junior team members' code, focusing on code quality and best practices using **sonarqube**.

Software Engineer

2021 - 2024

Starmark Software

Bengaluru, Karnataka

- Developed Microservices APIs for Master Data Management (MDM), supporting dynamic create/update for patient, provider, and payer data.
- Implemented Quartz-based jobs for scheduled data migration, ensuring data consistency between deployments and the MDM system.
- Designed and developed an Angular-based Maker-Checker portal for data validation and approval workflows.
- Integrated OAuth 2.0, JWT token validation, and Single Sign-On (SSO) for secure authentication and seamless access across applications.

Associate Software Engineer

2020 - 2021

Starmark Software

Bengaluru, Karnataka

- Developed an **HR management portal** using **Angular** and **.NET Core API** to manage and track employee information.
- Created a **console application** for importing attendance data from **Excel** and automating attendance calculations.
- Designed and implemented a **bulk email system** to send communications to employees, including insurance details and appraisal notifications.
- Contributed to the development of both front-end and back-end features of the portal, ensuring a seamless user experience.

Projects

Identity and Access Management (IAM) System | .NET Core API, OAuth 2.0, JWT, MVC, Fusionauth

Integrated basic authentication into OAuth 2.0 with FusionAuth, developing API endpoints for user authentication, including generic and LDAP connector APIs. Developed access control for UI applications and validated token callback API endpoints using MVC architecture

Multi-Factor Authentication (MFA) Implementation | .NET Core, MVC, Oauth2.0

Developed an MFA system with Authenticator App, SMS, and Email authentication. Led design and development to enhance user authentication and access control across applications.

Master Data Management (MDM) System | .NET Core API, Angular, SQL, Elasticsearch, Quartz Scheduler

Designed and developed Microservices-based APIs for managing patient, provider, and payer data with dynamic data handling. Implemented data migration jobs with Quartz and created a Maker-Checker portal for data validation using Angular

HR Management Portal | Angular, .NET Core API, Excel Automation

Developed an HR management portal to track employee data, attendance, and communication. Automated attendance calculation and integrated bulk email functionality for insurance and appraisal notifications.

Education

K.V.G. College of Engineering

July 2016 - Aug.2020

Visvesvaraya Technological University

Bachelor of Engineering in Computer Science.

Sullia, Dakshina Kannada, Karnataka-574327.