

SAURABH NALE

Full Stack Developer

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SUMMARY

Passionate software developer with 1.8 years of experience in the IT industry, specializing in Angular, Python, .NET Core, and Agile methodologies. I have a proven track record of enhancing efficiency through innovative solutions, including developing an AI-based essay grading system with Azure Functions and creating a comprehensive assessment portal using Angular and .NET. Eager to leverage my expertise to drive impactful projects and continue growing my skills in high-quality software development.

EXPERIENCE

Software Developer

RBIS Technology Private Limited Pune

06/2023 - Present

AI-Based Essay Grading System

Role: Service Developer

Developed and implemented an AI-Based Essay Grading System leveraging serverless architecture with Azure Functions and SQL Server. Focused on addressing challenges in manual essay grading, including subjectivity, inconsistency, and time by 80% consumption. Key responsibilities included:

- Service Development:** Implemented and optimized core services using Python, incorporating various Azure triggers such as Durable Functions, Service Bus Queue, Event Grid Trigger, HTTP Trigger and Timer Trigger.
- Data Processing:** Utilized the ADA model from Open AI to generate text embeddings and Pandas for data processing. Employed cosine similarity calculations to identify and match relevant essay content against predefined rubric standards.
- System Optimization:** Conducted experiments to refine and enhance application performance and optimized data evaluation using threading to increase processing speed.
- DevOps Integration:** Managed code repositories and pipelines using Azure DevOps.
- API Management:** Familiar with API Management (APIM) for effective API lifecycle management.
- Technology Stack:** Python, Azure Functions, SQL Server, Pandas, Pinecone, Azure DevOps

Software Developer Intern

RBIS Technology Private Limited Pune

12/2022 - 05/2023

Online Assessment Portal (HuntScaler)

Role: Full Stack Developer

Experienced in developing a comprehensive assessment portal using Angular and .NET, designed to facilitate diverse types of questions and robust user interaction. Implemented features include dynamic dashboards, data filtering, user authentication, assessment creation, and automated email invitations with scheduled assessment times.

- Authentication:** Implemented secure login and logout features, including the use of authentication guards to protect the portal.
- Question Types:** Implemented various question types including Coding (Java, Python, C++, C#), MCQ, Descriptive, and Fill in the Blanks.
- User Dashboards:** Created multiple dashboards to display data and questions, assessment, students results, with the ability to filter data using multiple criteria.
- Assessment Creation:** Allowed users to create assessments for students and send invitations via email.
- Scheduled Assessments:** Incorporated scheduling functionality to start assessments at specific times.
- Email Invitations:** Used SMTP to send HTML email invitations to users.
- Technology Stack:** Angular, C# .Net, SQL, HTML, Bootstrap, CSS, SMTP, IIS

EDUCATION

Master of Computer Application

K. B. C. North Maharashtra University, Jalgaon

2021 - 2023 Jalgaon, MH

Bachelor of Science in Computer Science

Sant Gadge Baba Amravati University

2018 - 2021 Malkapur, MH

SKILLS

Python	Flask	Angular	.Net Core
JavaScript	SQL	Azure	HTML
Bootstrap	CSS	Azure Function	
Git / Github	No-SQL	Azure DevOps	
Postman	IIS	Agile	

PROJECTS

Personal Portfolio

https://github.com/saurabhnailepatil/portfolio

Portfolio website created to showcase technical skills and projects.

Technologies used: Angular 15+, Bootstrap CSS, SMTP, and Animation Library.

Food Order Application

https://github.com/saurabhnailepatil/Food_Orders

Developed the Food Order Portal, allowing users to browse a variety of dishes, place orders, and experience hassle-free delivery services. This project demonstrates web development skills and provides a seamless user experience.

Event Decorators site

https://github.com/saurabhnailepatil/Decorative-Events

Built an Angular website to showcase Event Decoration projects, highlighting creativity and Angular development skills.

ACHIEVEMENT

SQL (Intermediate) Certificate HackerRank

SQL 50 Question Crack LeetCode Batch