

RESUME

SUMEDH RAJESHWAR RAUT

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CAREER OBJECTIVE

To work in a dynamic organization that provides opportunities for continuous learning and skill enhancement, allowing me to contribute effectively to its growth while aligning with its objectives

EDUCATIONAL QUALIFICATION

- **PG Diploma: 2023**
Centre for Development of Advanced Computing (C-DAC), Pune | Grade: A
- **Graduation: 2021**
Rajiv Gandhi College of Engineering and Technology, Nagpur | 70.94%

SKILLS

Operating Systems: Windows 10.

Programming Languages: C++, C#, Core Java, Data Structures (DS)

.NET Technologies: ASP.NET Core, ASP.NET Core Web API, ASP.NET, LINQ, .NET Framework 4.6, Web Services

Database Management: MS SQL Server 2012.

Development Tools: Visual studio 2017, Visual studio 2019.

WORK EXPERIENCE

iCodex Publishing Solutions Ltd., Pune

Junior Backend Developer [20 Sep 2023] Present

Project 1: Confirm+

Project Description:

Confirm+ is an advanced manuscript validation tool designed to analyse and verify references, citations, keywords, abstracts, and other critical aspects to ensure **technical readiness**. The system generates **actionable reports** and features an inbuilt **online editing engine** that allows users to quickly correct identified errors, streamlining the submission process.

Responsibilities:

- Developed and maintained the **backend logic** for the manuscript validation tool using **C# and ASP.NET Core Web API**.
- Designed and implemented **powerful algorithms** to check **references, citations, and keywords** for accuracy.
- Optimized **MS SQL Server 2012** queries to enhance **data processing speed and efficiency**.
- Integrated an **automated reporting system**, presenting manuscript readiness in a structured format.
- Implemented an **online editing engine**, allowing users to correct errors in real time.
- Improved **performance and response time** by optimizing **LINQ queries** and database interactions.
- Worked closely with **frontend developers** to ensure smooth **API integration and data exchange**.

Project 2: NovaTechSet

Project Description:

NovaTechSet is a **content validation and editing system** designed to process **manuscript files** by validating **XML configurations** and ensuring proper grammatical structure. The system enhances document quality by checking **grammar, sentence structure, and content formatting** using advanced **Regular Expressions (Regex)**.

Key Responsibilities:

- Developed and maintained a **configuration-based module** to validate **XML structures** in manuscript files.
- Implemented **grammar and sentence validation** logic using **noun recognition and language processing techniques**.
- Utilized **Regular Expressions (Regex)** to detect and correct **content errors, formatting issues, and inconsistencies**.
- Integrated **backend services** with the document processing system to enhance editing efficiency.
- Optimized **MS SQL Server 2012** queries to improve **data handling and processing performance**.
- Worked on **automated content validation**, reducing manual effort and improving accuracy.
- Collaborated with **frontend and QA teams** to ensure smooth functionality and validation accuracy.

Personal Details

- **Date of Birth:** 3rd September 1999
- **Gender:** Male
- **Hobbies:** Playing indoor & outdoor games
- **Present Address:** Plot 68, B13, B U Bhandari, Datta Nagar, Dighi, Pune
- **Permanent Address:** 19, New Bidipeth, Near Corporation School, Nagpur
- **Languages Known:** English, Hindi, Marathi

Declaration

I hereby declare that the above information is true and correct to the best of my knowledge and belief.