RAMAKRISHNAREDDY PARVATAREDDY

📞 +49 1785726942

📧 ramakrishna.parvatareddy@gmail.com

📍 Merketalstraße 48, 99425 Weimar

🔗 https://github.com/Datawith-Ramakrishna

🔗 www.linkedin.com/in/ramakrishnareddy-parvatareddy

SUMMARY:

Computer Science Master's student at Bauhaus-Universität Weimar with 2 years of professional experience in **C#** and **.NET** web development. Practical experience in developing RESTful APIs, optimizing SQL queries, and developing web interfaces using modern JavaScript frameworks.

EXPERIENCE:

Jr Software Engineer, Aspire Systems

Chennai, India. SEP 2021 – OCT 2023

- Developed and maintained backend application components using **C# and .NET / ASP.NET CORE** to support enterprise web applications.

- Designed and optimized **40+ complex SQL queries** (joins, CTEs, aggregations) for scalable data retrieval from relational databases.

- Built and integrated **RESTful APIs** to support front-end functionality and third-party system integrations.

- Implemented **JWT-based authentication and authorization** to secure application access.

- Contributed to **code reviews, testing, and deployment** activities to maintain code quality and release stability.

- Collaborated with cross-functional teams in an **Agile/Scrum** environment to deliver sprint features on time.

EDUCATION:

- **M.Sc. Computer Science für Digital Media**, Bauhaus Universität Weimar, Germany – OCT 2023 - Present

- **B.Sc. Computer Science**, Anna University, India – SEP 2018- JUN 2022

SKILLS:

Backend: C#, .NET / ASP.NET Core, REST APIs, Entity Framework, LINQ, JWT, PHP

Frontend: HTML, CSS, JavaScript, React, Angular, WordPress

Databases: MSSQL Server, MySQL

Tools: Git, Docker, Azure DevOps

Practices: Agile/Scrum, Code Reviews, Testing

PROJECTS:

- **Student Task Management System:** *C#, ASP.NET Core Web API, Entity Framework, SQL Server*
  - Built RESTful APIs for task and user management with CRUD operations and database integration.
- **Music Parameter Visualization:** *D3.js, HTML, CSS*
  - Built a web-based data visualization using D3.js with HTML and CSS to represent music parameters such as tempo and danceability.
- **Public key infrastructure(PKI) System:** *Bash, OpenSSL, x509, LINUX*
  - Implemented a Public Key Infrastructure (PKI) system using OpenSSL and Bash scripting to manage certificate generation, validation, and lifecycle processes on Linux.
- **Mini Golf VR:** *C#, Unity*
  - Developed a multiplayer Mini Golf VR game using Unity and C#, implementing gameplay mechanics and physics interactions.

LANGUAGES:

- **German –** Intermediate (B2)
- **English –** Fluent