Vamsi Shankar Simhadri

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SUMMARY

- Software developer with 2 years work experience, skilled in C#/.NET Core development.

- Fast learner and can learn other technologies at fast pace with working knowledge of Java and C/C++

EDUCATION

- **George Mason University** — Fairfax, VA
  Masters in Computer Science — *Aug 2022 - Aug 2024 (Expected)*
- **University college of engineering Vizianagaram** — Vizianagaram, India
  Bachelor of Computer Science; GPA: (7.86/10.0) — *Aug 2016 - September 2020*

SKILLS SUMMARY

- **Languages**: Java, C#/.NET Core, C/C++, SQL
- **Tools**: GIT, JIRA, Azure DevOps, Visual Studio, SQLServer, Postman, NUnit

EXPERIENCE

- **Mitratech LLP** — Hyderabad, India
  Software Engineer — *October 2021 - July 2022*
  Company Website: https://mitratech.com/

  - **Technology Stack Used**: C#/.NET Core, SQL Server
  - **Tools Used**: Postman, Azure DevOps
    - Development and maintenance of Web API handling more than 1 million requests
    - Generated automated SQL reports using windows services
    - Refactored existing code base to reduce redundant code thereby increasing performance
    - Optimized queries to reduce CPU spikes by 20%
    - Involved in code reviews, brainstorming, demos and documentation
    - Partnered with product and engineering teams to generate insightful measures and improve product experience
    - Used NUnit for writing unit test cases
    - Assisted in migrating logging from text files to Azure Blob storage
    - Assisted in migration of API from monolith to micro services architecture
    - Created SQL Server Agent job to hard delete and soft delete data thereby reducing load on the database
    - Worked on minor UI issues

- **Sails Software Solutions** — Visakhapatnam, India
  Associate Software Engineer — *July 2020 - May 2021*
  Company Website: https://sailssoftware.com/

  - **Technology Stack Used**: C#/.NET Framework, SQL Server
  - **Tools Used**: Postman, Jira
    - Wrote asynchonous code and developed REST API endpoints using .Net in an agile environment
    - Used Dapper ORM for mapping Object Oriented code to database
    - Designed database schemas to store data according to business requirements
    - Migrated mailing from Amazon SES to Sendgrid

ACADEMIC PROJECTS

- **Detection of Spam Images using CNN**: Analysis of performance and other metrics in Spam Image Detection using different algorithms and compared it with performance of CNN used python, keras
- **Comparative study of performance of data mining algorithms on medical data**: Compared data mining algorithms performance on medical data after data processing and data cleaning

CERTIFICATE COURSES

- Introduction to Data Science in Python by University of Michigan(September '18)

- Algorithmic ToolBox by University of California San Diego (February '19)