**Srinivas Veerla**

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**SUMMARY**

Result-driven software developer with *2 years of experience* and a Master’s in Computer Science. Proficient in .NET, Python, Django, and JavaScript, possessing problem solving and analytical skills, allowing me to deliver efficient solutions.

**SKILLS**

**Languages/ Databases:** Python, C#, HTML/CSS, JavaScript, Go, C/C++, MS SQL Server, PostgreSQL, MongoDB

**Technologies:** Django, React, .NET, WPF, Entity Framework, Blazor, Azure, Spark, Hadoop

**Developer Tools/Skills:** Git, Jenkins, Visual Studio, Postman, Docker, GitHub Actions, Figma, Jira

**Others:** Unit Testing, Distributed Systems, System Design, Event-Driven Systems, Microservices, SDLC, IIS, Agile Scrum

**WORK EXPERIENCE**

***Software Developer*** | Wipro | *Bengaluru, India* *Feb 2021 - Jul 2022*

* Spearheaded the development of WPF application from the ground up to manage XML-based log levels, implementing a log collection utility tool for a product generating $640 million in revenue.
* **Led a team of 3** in migrating calendar data to Outlook via Microsoft Exchange Server, managing project timelines, task delegation, and ensuring seamless integration and data accuracy.
* Elevated the reliability and performance of an MVC-based client application by developing new functionalities, crafting robust unit and integration tests for seamless component integration, contributing to the software’s resilient performance.
* Additionally, **managed CI/CD pipelines** on Jenkins to deploy builds for dev and QA testing.

***Skills:*** *C#, WPF, ASP.NET, Microsoft SQL Server, Application Architecture, NUnit, Git, Jenkins, Docker, Agile, Figma*

***Associate Software Developer*** | Wipro | *Bengaluru, India Sept 2020 - Feb 2021*

* Improved operational efficiency by developing robust backend for an internal resource booking system, **reducing dependency delays from days to minutes.**
* Developed and deployed a suite of Restful APIs to serve a React frontend, with user roles, integrated calendar-based resource booking, search, among others, **designed to meet the needs of a 60-member team**.

***Skills:*** *Django, React, PostgreSQL, Git, Docker*

**EDUCATION**

**University at Buffalo, State University of New York** *Buffalo, NY*

***Master of Science*** in *Computer Science (GPA - 3.4/4)* *Aug 2022 - June 2024*

Relevant courses: Analysis of Algorithms, Distributed Systems, Data Models Query Language

**Vellore Institute of Technology** *Chennai, India*

***Bachelor of Technology*** in *Electronics and Communication (GPA - 3.3/4)**July 2016 - May 2020*

Relevant courses: Problem solving and Programming, Operating Systems, Computer Networks

**PROJECTS**

**Walmart Sales Forecast** | *Python, Django, React, Git, Docker*

* Developed a full-stack web application with Django serving a REST API and React as the frontend and deployed it on Heroku.
* Implemented authentication to login to a specific store. Visualized sales data to show trends of sales for a particular store.
* Forecasted sales using random-forest algorithm based on specific user data

**Dictionary App** | *HTML/CSS, JavaScript, Firebase, Git*

* Created an HTML/CSS and JavaScript dictionary app utilizing free dictionaryAPI for word meanings.
* Implemented Firebase firestore and Firebase authentication for storing and syncing favorite words seamlessly across devices and to enhance user security.
* Developed a Chrome extension for convenient browser-based access.

**Zoom clone App** | *HTML/CSS, JavaScript, Django, Firebase, Git*

* Created an HTML/CSS and JavaScript zoom clone app using WebRTC.
* Utilized firestore for signaling that stores shared data for stream negotiation.

**ADDITIONAL ROLES**

* Teaching Assistant at University at Buffalo for CSE 590 | *Computer Architecture* by Dr. Ramalingam Sridhar, Spring 2024.
* Internship at Electronic Corporation of India Limited | *Synthesis of UART on FPGA*, Jun 2018 – Jul 2018.