

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, Typescript, JavaScript, Go, MS SQL Server, PostgreSQL, MongoDB

Technologies: Django, React, .NET, jQuery, 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, SOLID principles

WORK EXPERIENCE

Software Developer | Wipro | Bengaluru, India

Feb 2021 - Jul 2022

- Spearheaded the development of a WPF application, ground-up using MVVM architecture, implementing a log collection utility tool for a product generating \$640 million in revenue.
- Led a team of three in migrating calendar and email services to Microsoft Exchange Server, achieving a 20% reduction in loading time.
- 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: Object Oriented 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.