

SHRUTHI SRINIVASAPRASAD

(469) 686 0968 | shruthey98@gmail.com | [GitHub/shruthey](https://github.com/shruthey) | [LinkedIn/shruthey](https://www.linkedin.com/in/shruthey)

PROFESSIONAL EXPERIENCE

MyDirectives, Richardson, Texas

May 2024 – Present

Software Engineer

- Developing a digital **Advance Care Plan** platform used by **80,000+ end-users** and **20+ healthcare providers**.
- Building **modular** and **highly scalable UI components** using **Vue.js**, handling props, events, and lifecycle hooks to create consistent and maintainable features across the application.
- Developing **REST APIs** using **C# and .NET**, leveraging **Entity Framework** in a database-first approach with **LINQ** for data access, and implemented **attribute-based routing** and structured error handling.
- Collaborating with a cross-functional team to deliver **user-centric features** achieving an NPS rating of **9.8**.

Oracle Cerner, Bangalore, India

Dec 2019 – Aug 2022

Software Engineer

- Worked on developing **EHR** systems that facilitated various workflows, including medical test building, tracking, and documenting by step for 1000+ clients.
- Developed new features and enhancements for **web applications** using **React.js** in an **agile development** team.
- Used **Redux** for state management, wrote API calls using **AJAX, Fetch API, and Axios** to retrieve data asynchronously, significantly improving the **responsiveness** of the applications.
- Developed **RESTful APIs** in **C# .NET** Web API framework to interact with a **SQL Server** database, applying OOP principles and design patterns to **improve API response time by 30%**.
- Refactored and migrated all relational databases into **JSON** based tables by writing high level **data migration stored procedures** and functions, reducing the **query response time by 67%**.

PROJECT EXPERIENCE

Pokémon Game Server

Jan 2025

- Designed and implemented an **Express.js server** backend and **React** frontend to host a Pokémon trading game, integrating with the PokéAPI to fetch real-time Pokémon data and dynamically render users' trading cards.
- Built **secure RESTful API endpoints** for managing card collections and transactions, enabling authenticated trading sessions via **JWT-based login** and token validation.

Guard AI (Axxess Hackathon 2024)

Feb 2024

- Developed a **home safety web app** for households with children or elderly individuals, using **YOLOv8** for video analysis and GPT API to generate personalized safety recommendations.
- Built the application end-to-end with **React.js** and integrated the **Python** backend for seamless performance.

EDUCATION

Relevant Coursework: Design and Analysis of Computer Algorithms, Database Design, DSA, OO Application Design

The University of Texas at Dallas

Aug 2022 – May 2024

Master of Science, Business Analytics

Christ University

Aug 2016 – Jun 2020

Bachelor of Technology, Computer Science

TECHNICAL SKILLS

Frontend: Vue, React, Angular, HTML, CSS, Webpack

Backend: Java, C#, Python, .NET, Node.js, JavaScript, Typescript

Databases: SQL Server, Oracle, Postgres, MongoDB, MySQL

DevOps: Jira, Jenkins, Octopus, Remedy, Git, Source Tree, Crucible, SonarQube