

# TARUN SAI VARANASI

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## SUMMARY

Detail-oriented and skilled web developer with 2 years of experience in developing, and maintaining dynamic websites and web applications. Proficient in both front-end and back-end development, with a strong foundation in HTML, CSS, JavaScript, and back-end technologies. Adept at creating responsive, user-friendly interfaces and ensuring optimal performance, security, and scalability. Proven ability to work collaboratively in team environments and deliver high-quality projects on time.

## TECHNICAL SKILLS

- **Programming Languages:** Python, C, HTML, CSS, JavaScript, ASP.Net, R Programming, Typescript, GraphQL
- **Libraries & Frameworks:** ReactJs, pandas, NumPy
- **Software & Tools:** Visual Studio, Visual Studio Code, Microsoft Excel, SQL Server Management Studio, Postman Tool, Anaconda, Jupyter Notebook, Power BI, Azure Devops, Tableau, Git, Agile/scrum
- **Databases:** SQL, NoSQL(MongoDB), RDBMS, Transact-SQL

## WORK EXPERIENCE

### Web Developer, Tata Consultancy Services, India

Jan 2022 – Jan 2023

#### Client: Microsoft

- Developed and optimized web applications in HTML, CSS, JavaScript, and React, improving user experience by 30%.
- Utilized React.js to create dynamic, responsive UI components from Figma designs, translating project flow into functional interfaces.
- Integrated API data seamlessly into UI components using Visual Studio, enhancing data accessibility for end-users.
- Managed and accessed data from SQL Server's coreDW database in SSMS, overseeing both development (dev) and production (prod) environments.
- Implemented automated workflows using Azure Logic Apps, managing permissions via Azure Key Vaults and reducing processing time by 20%.
- Configured email triggers in Azure Logic Apps to respond to specific user actions, including automated responses for request submissions.

### Assistant System Engineer, Tata Consultancy Services, India

Jan 2021 – Jan 2022

- Managed the configuration for dev and production instances in Azure App Services and built Azure Logic Apps, reducing deployment time by 30%.
- Created user accounts in Active Directory for new users based on employee roles.
- Played a key role in enhancing the web application's accessibility, ensuring it caters to a broader range of users and promotes inclusivity and usability for everyone by using the NVIDIA tool to perform accessibility testing.
- Created comprehensive documentation for the flow of the project, which includes the process of how to use the application and how to run the applications to facilitate knowledge sharing among team members.
- Used ASP.NET to build API calls with role-based authentication.
- Responsible for the development of front-end applications in React with Redux state management, where the designs were provided by the UI/UX designer using the Figma tool.
- Collaborated effectively within a Scrum team, participating in daily stand-ups, sprint planning, and retrospectives.

## PROJECTS

### Task Management Web Application

- Built a full-stack task management app with React.js, Redux, and Node.js/Express.
- Implemented JWT-based authentication and role-based access control (RBAC) for secure user/admin functionalities.
- Integrated MongoDB with Mongoose for real-time task storage and management.

### Weather Dashboard

- Created a dynamic weather dashboard using React.js and OpenWeather API to display real-time weather and 5-day forecasts.
- Designed a responsive UI with error handling and loading states for seamless user experience.

### TMDB Movie App

- Developed a responsive movie app using React.js and TMDB API with features like search, popular movie listings, and dynamic detail pages.
- Enhanced navigation using React Router and ensured real-time data integration with fetch/axios.

## EDUCATION

### Illinois Institute of Technology, Chicago

Master's in Computer Science

December 2024

GPA: 3.5

### Vasireddy Venkatadri Institute of Technology

Bachelor's in Computer Science and Engineering

September 2020

GPA: 8.07