B S Shritej Reddy

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Experience

Full Stack Web Developer, PwC Jan'21 – Present
pwc.com

- Built an end to end serverless application based on client requirements that improved scalability, cost-effectiveness and also performance by 20% as opposed to prior application.
- Created various website designs as per client needs using Figma, Adobe XD. Assessed UI and UX designs for technical feasibility.
- Implement UI development principles to ensure that the client-side product serves at scale.
- Worked on a wide range of projects using React, nodejs, JQuery. Collaborated with product team members to implement new feature developments
- Responsible for forging concrete web designs that captivate concerned project shareholders.
- Manage role-based permissions, working with generic objects, setting up database models, foundation objects in scope for website development.
- Implement UI development principles to ensure that the client-side product serves at scale.
- Responsible for development of power apps solutions ranging from Canvas, Model Driven Apps to Dataverse, Custom Connectors, etc

Project Intern, SmartVizX Jan'19 – Mar' 19
smartvizx.com

- Collaborated with senior leaders to create Virtual/ Augmented Reality applications that port to Windows, iOS and Android
- Create High Fidelity Designs for products which facilitate high quality development.
- Developed various VR/AR prototypes which serve as foundation for technical feasibility on a large scale.
- Acquired deep knowledge on Unity 3D, management of large scale projects.

Education

Bachelor of Engineering in Computer Science and Engineering
Nitte Meenakshi Institute of Technology, Bangalore, IN.
Aug'16 – Sep'20

Projects

[Autonomous Driving](#) Nov'18 – Jan' 19

- A self - driving car simulation which uses digital image processing to detect lanes and keep the vehicle within the lane boundary. Tech - Python
- Created a virtual environment around which the algorithm can be tested

[Augmented E-Commerce](#) July'19 – Oct'19

- An Augmentation of a virtual product upon the real world where the user can view a set catalog of items
- Tech - C#, Unity, Figma.
- The items can also be viewed in AR, VR mode where the user can choose and try out the item in their living space and see how well it serves them.

[Ninja-React API](#) Nov'18 – Jan' 19

- A React implementation using API fetches that find out ninjas in your locality that are called to pinpoint actual callers location. This implementation is to mimic the call of ambulances such that there would exist minimal hassle in getting to the location.
- Tech - Reactjs, Node.js, Javascript, MongoDB

[VR Puzzler](#) Sept'20 – Oct'20

- A Unity 3D Virtual Reality game containing various puzzles that the user has to solve. Tech - Unity, C#

Skills

Languages: Javascript, Typescript, C#, Python, C, C++, SQL
Web Frameworks: React, .NET, JQuery(library)
Server-side: Node js
Front-end :HTML, CSS, and JavaScript
CI/CD Tools: Git, Docker, Github Actions
Cloud platforms: Azure(App Services, Function Apps, Storage Accounts, Logic Apps, Key Vault, SQL, Active Directory, Virtual Machines, Event Grid)
Databases: Postgresql, MongoDB
UI/UX: Adobe XD, Figma, High and Low Fidelity Designs, User Research.
Power Apps: Dataverse, Canvas App, Model Driven App, Custom Connectors
Other tools and technologies: Postman, D3.js, Unity 3D

Courses

- Web Design for Everybody: Basics of Web Development & Coding Specialization, The complete Javascript Course 2022, NodeJs - The complete guide, Azure Serverless Functions and Logic Apps.
- [React - The Complete Guide](#)
- [Human Centered Design](#)
- [Digital Acumen](#)

Publications

- Vijaya Shetty S., Akshay S., Shritej Reddy B.S., Rakesh H., Mihir M., Shetty J. (2022) **Graph-Based Keyword Extraction for Twitter Data**. In: Shetty N.R., Patnaik L.M., Nagaraj H.C., Hamsavath P.N., Nalini N. (eds) Emerging Research in Computing, Information, Communication and Applications. Lecture Notes in Electrical Engineering, vol 790. Springer, Singapore. [Link](#)