Medapati Vijay Reddy

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Education

Aditya Engineering College   Kakinada
B.Tech Computer Science and Engineering *GPA: 8.01*   June 2016 - Sept 2020

Work Experience

Next Education   Hyderabad
Engineer   Aug 2022 - Present

- Provided client-side support for AI-based learning tools by implementing frontend functionality. Customized and integrated open-source tools like Scratch (React) and jspainter (Jquery) for seamless launchability and communication. Developed progress tracking reports for all these tools using Highcharts

- Developed Content Copier, a Windows app utilizing Angular, Electron, and Node.js, which reduced manual copy time by 66%. It facilitates copying learning content based on board and the class selection and transferring data from drive to drive or drive to pen drive.

- Reimplemented an AngularJS directive for image and PDF annotation, into a Javascript module with mobile-friendly features.

- Improved stability of legacy digital whiteboard on older fabric.js with critical bug fixes, maintaining optimal performance without upgrading.

- Developed 12+ 2D simulations from scratch in Flash to modern tech migration using Raphael.js.

- Angular, AngularJS, React, Javascript, Jquery, FabricJs, Raphael.js, ElectronJs, Node.js

TCS   Remote
Assistant System Engineer   Feb 2021 - July 2022

- Provided support for .NET maintenance projects, writing queries for data deletion and generating client-required reports.

- Fixed bugs in the Angular dynamic forms application to ensure optimal functionality.

- Conducted research and collaborated with the server team to identify and upgrade to a supported CLR version, enhancing security, and earning client appreciation.

- Angular, .NET, MySql

Mounty   Hyderabad
Frontend Developer Intern   July 2019 - Sept 2019

- Implemented a customer page where users can fill their campsite details and upload pictures.

- Implemented a single configurable input component to be used in entire project.

- Nuxt.js, Node.js

Skills

Web Development: Angular, AngularJS, TypeScript, Node.js, React, JavaScript, HTML5, CSS3, jQuery

Project Work

NgBoard *Angular, Fabric.js*   vijay18399.github.io/ngBoard
Digital whiteboard featuring drawing, text, laser, image insertion, zoom in, and zoom out functionalities.

Talkie (2019) *Ionic Angular Node.js Socket.io*
A Hybrid Android chat app featuring messaging along with functionalities like spam detection, language translation, file uploads, polls, and group chats.

Certificates

Programming, Data Structures and Algorithms using Python   NPTEL

Introduction to Modern Application Development   NPTEL

Introduction to Programming Using Python   NPTEL