Visal VR

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Objective

Full-stack Developer with three years of hands-on experience in Angular and Nodejs. Currently, I am expanding my expertise actively learning about AWS cloud services. I am proficient in version control systems like GitLab and GitHub. My professional goals for the next two years are to solidify my leadership skills, deepen my expertise in both frontend development and DevOps, and contribute significantly to innovative and impactful projects.

Experience - 3+ years

Software Engineer, Thinkpalm Technologies – Thiruvananthapuram, India   Aug 2022 – Present

- Leading the team and collaborating with the client to translate requirements into effective technical solutions.
- The client recognized the success of providing a solution to a complex requirement where peer developers faced challenges and successfully migrating a project from angular version 16 to 19.
- Familiar with agile development methodologies and version control systems (e.g., Git, Gitlab, Jira)
- Strong understanding of software development principles, design patterns, and architectural concepts

Software Engineer Intern, Gelbero IT Solutions - Kanniyakumari, India   Aug 2021 – Feb 2022

- Engaged in a comprehensive training program focused on Angular development
- Gained hands-on experience in creating and managing Angular modules and reusable components
- Implemented Angular routing with lazy loading, built reactive forms, integrated REST APIs, and strengthened foundational TypeScript knowledge.

Projects

Netvire – Airtel, AT&T

- Remote asset management IIOT solution, with telecom, retail and multiple usecases
- Designed the architecture and implemented foundational modules for the Angular project.
- Worked independently during the initial stage of the project, completing the basic structure and gaining familiarity with all modules to ensure smooth project progression.
- Designed and developed reusable Angular components to promote consistency and reduce code duplication, leading to improved maintainability and performance optimization across modules. Implemented scalable architecture to support growing feature sets and dynamic layout configurations.
- Worked with Three.js and konva.js to visualize a ship in 3D view and placed another 3D model over it.
- Developed a dynamic dashboard using PrimeNG and Gridster with mobile responsiveness and cross-browser compatibility, enabling layout customization and adaptability across all screen sizes.
- Used vis.js to allow user to draw a flexible hierarchy view and Google map API to easily map the asset locations.

NetvirE Form Builder (NPM Package)

- Developed an Angular library for form building and report generation by integrating apex charts and Google Maps for location input and included basic form fields (text, select, checkbox).
- Deployed as a local npm package and installable in any Angular application.
- Gained leadership experience by gathering client requirements and task delegation.

Perdixpro

- Started post-training with bug fixing and testing, then moved to API integration to enhance functionality.
- Hierarchy feature integration using vis.js and Offline upload feature, handling multiple files

Education

Amrita College of Engineering and Technology, B.E in Computer Science   Aug 2018 – May 2022

- CGPA: 7.80

Skills

Angular, TypeScript, JavaScript, Node.js, MongoDB, Express.js, RxJS, NgRx

Contributions

Agni Signature pad: Signature input npm package.   View packages

Agni dashboard Calendar: Dashboard calendar widget.