V ASHWIN DEEPAK

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Ashwin Portfolio │ GitHub

SUMMARY

Full-stack developer with hands-on experience in Angular and Node.js, specializing in API development, backend optimization, and data export functionalities. Proficient in building scalable web applications, enhancing performance by migrating frontend logic to the backend. Passionate about solving complex problems and continuously expanding expertise in modern web technologies.

WORK EXPERIENCE

Software Developer Intern, AlignMinds Technologies

Aug 2024 - Feb 2025

- Developed a custom API for verification email delivery to specific employees.
- Implemented PDF and Excel generation based on user-applied filters in the portal.
- Optimized performance by migrating frontend logic to the Node.js backend.
- Worked with Angular for frontend development and Node.js for backend enhancements.

Junior VR Developer, Tech Innovation Enthusiastic Squad Pvt. Ltd   **Jan 2023 - Oct 2023**

- Development of Virtual Reality prototypes using Unity Game Engine.
- Research and Storyboard writing for VR Projects.

Design Engineer, Machenn Innovations Private Limited   **Sept 2021 - Dec 2022**

- Working on XR integration for VR platforms using Unity Game Engine.
- Manage overall operations of the Additive Manufacturing using Ultimaker 3D Printers.
- Assist and manage the workflow of interns

EDUCATION

MEA(R)N Stack Web Development Expert - Angular & React   **Feb 2024 - Aug 2024**
Luminar Technolab

Btech Mechanical Engineering   **June 2015 - Dec 2019**
Federal Institute of Science and Technology

ADDITIONAL INFORMATION

- **Technical Skills:** JavaScript, NodeJS, Angular, ReactJS, SQL, PostgreSQL, Github, Angular Material UI
- **Languages:** English, Malayalam
- **Certifications:** Foundations of User Experience (UX) Design, Conduct UX Research and Test Early Concepts, Unity Junior Programmer Pathway, Unity VR Development Pathway

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PROJECTS

- **ChatWave :** Utilizing Tailwind CSS for a sleek and responsive UI, Express.js for robust server-side logic, MongoDB Atlas for efficient data management, and Socket.IO for real-time communication between users.
- **Body Mass Index App:** Developed a responsive BMI calculator using React.js, enabling users to calculate their BMI and receive instant health status feedback. Implemented clean UI and real-time calculation for enhanced user experience.
- **Weather App :** Created a weather app using HTML, CSS, and JavaScript that fetches real-time weather data from the OpenWeatherMap API. Features include dynamic weather updates and a responsive design.
- **Netflix React Clone :** Cloned two front-end pages of the Netflixwebsite to replicate its design and user interface using React JS.
- **Simple Interest React App :** Created a Simple Interest App using ReactJS where we learn the basics of useState hooks.
- **Country Search App :** Developed a Country Search app using HTML, CSS, and JavaScript to fetch and display detailed country information from the RestCountries API. Features include dynamic search results, responsive design, and real-time data fetching with async/await.
- **Restaurant Website :** Developed a basic restaurant website using HTML and CSS, featuring static pages with menu, contact information, and gallery sections. Focused on clean design and clear navigation.
- **Chandrayaan 3 Virtual Expedition :** Created a mobile VR experience showcasing the processes involved in the Chandrayaan 3 mission using the Unity game engine.