

RAJESH POLARATI

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WORK EXPERIENCE

Veltris (Formerly West agile labs)

Sep 2022 – Present

Full Stack developer

Hyderabad, Telangana

- Developed **responsive** Web Design using HTML, CSS, and JavaScript, resulting in around a **15% boost** in user engagement.
- Successfully handled state management of application using **Redux**, improving application performance and reducing load time by around **20%**
- Utilized **React Router** for handling client-side routing and navigation within the application.
- Implemented seamless **integration** of third-party services like Docusign and Sendbird into our applications, enriching the user experience by providing additional services.
- Designed and implemented **RESTful APIs** using **Express.js** in the backend, focusing on efficient client request handling and **scalability**.
- Designed and deployed APIs on third-party websites to streamline payment processing using **Stripe**, ensuring **reliability and security**.
- Acquired proficiency in Mina blockchain for project integration, navigated challenges and conducted extensive research and development to identify effective solutions.
- Enhanced application performance by optimizing **SQL** queries, resulting in improved efficiency and responsiveness.

Veltris (Formerly West agile labs)

Jan 2022 – August 2022

Full Stack Developer Intern

Hyderabad, Telangana

- Assisted in the development of the front end of a web application using **ReactJS**.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.

PROJECTS

PostSphere | *ReactJS, Redux, ExpressJS, MongoDB, Socket.io, Apache Kafka* | [Code](#)

- Designed and implemented features for users to create posts, connect with others, and engage in real-time interactions, enhancing the overall social experience of the platform.
- Implemented Redux for efficient state management and facilitated seamless data flow throughout the application.
- Utilized **MongoDB** for storing user data and social interactions, ensuring scalability and performance.
- Integrated **Socket.io** and **Apache Kafka** for real-time communication and notifications, enabling instant updates on new posts, comments, and likes.

Langlab | *ReactJS, Javascript, Chakra UI, Monaco Editor* | [Code](#)

- Developed LangLab, a browser-based IDE using ReactJS and Monaco Editor, enabling real-time code execution and supporting multiple programming languages.
- Integrated the Piston API to facilitate seamless code execution directly in the browser, enhancing user experience with instant feedback and error checking.
- Implemented clipboard operations and file download features within LangLab, enhancing usability for users to manage and share code snippets effortlessly.

DateNight | *React Native, ExpressJs, DynamoDB, AWS Lambda, AWS S3*

- Developed DateNight, a React Native mobile application for personalized date planning, integrating third-party services like local restaurant recommendations and shopping options.
- Implemented backend services with **Express.js**, utilizing **DynamoDB** for scalable data storage and **Amazon S3** for image storage within the application.
- Deployed** the application using **AWS Lambda** for serverless architecture, ensuring efficient handling of backend functions and scalability based on user demand.

Personal Portfolio | *React.js, TailwindCSS, Javascript* | [Code](#)

- Highlighted full-stack development proficiency through the execution of integrated front-end and back-end projects, emphasizing robust data management, cloud deployment strategies, and proficient version control implementations

EDUCATION

Rajiv Gandhi University of Knowledge and Technologies

May. 2018 – May 2022

Bachelor of Technology in Computer Science

Nuzvid, Andhra Pradesh

TECHNICAL SKILLS

Languages & Frameworks: HTML, CSS, Tailwind CSS, Bootstrap, JavaScript ES6, React, Redux, REST API, ExpressJs, SQL, NOSQL, Python, Java

Datastores: PostgreSQL, MySQL, MSSQL, MongoDB, DynamoDB, Redis

Tools & Platforms: Apache Kafka, AWS(Medium Level), Git, Postman