# EESHWAR  PASULA

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## Profile Summary:

- Around **4** years of experience in **developing**, **testing** and **maintenance** of web applications in Client/Server environments using **UI technology stacks**.
- Proficiency working with frameworks such as **JavaScript**, **Node.js**, Express, **ReactJS** and **REST API's**.
- Experience in developing web applications using HTML, CSS, Tailwind, JavaScript, Typescript.
- Experience in using different version controlling/tracking systems such as **GIT** and **Jenkins**.
- Developed back-end web applications using **PHP** and **Node.**
- Proficient in Planning, designing and implementing **Single Page Application's** (SPA) using **ReactJS** and **Redux**.
- Experience in working with different databases and languages like Oracle, SQL, MS SQL Server, Azure SQL,  MySQL, MongoDB and Firebase.
- Knowledge in programming languages such as **Python**, **Java**, C, C++.
- Familiar with cloud technology like **AWS**, **Azure**.
- Experience working with various methodologies based on **Agile**, **Scrum**, **Waterfall** Model.
- **Master's degree** in Computer Science at **University of Texas at Arlington**, USA. (GPA: 3.7/4) (January 2022 - December  2023).

## Technical Skills:

- **Programming Languages:** Python, Java, C, C++.
- **Databases:** Oracle, MySQL, SQL, Firebase and MongoDB.
- **Web Technologies:** HTML, PHP, Tailwind CSS, Express, JavaScript, Typescript, GraphQL, REST API's, React JS, Redux.
- **Software Development and Version/Change control Tools:** Git, Eclipse, Visual Studio Code and Jenkins.
- **Operating Systems:** Windows, Linux.
- **Cloud Technologies:** AWS, Azure.

## Professional Experience:

- ❖ **Web Developer – Charter Communications, USA.**                              **(May 2022 – Present)**
  - Developed and implemented a new front-end architecture using React.js, resulting in a 25% increase in page load speed and a 15% increase in user engagement.
  - Used Redux Framework architecture for application wide state management resulting in a 25% reduction in code complexity.
  - Handled web services and APIs that enable seamless communication between components. Designed, built, and deployed applications using the AWS stack including EC2, Mongo DB, focusing on high availability, fault tolerance, and auto-scaling.
  - Using Axios, written multiple asynchronous API calls to the back-end services to call the backend Service to render the user specific data.
  - Used Jenkins for setting up the CI/CD pipelines for automated deployment.

❖ **Systems Engineer- Infosys Hyderabad, India.**                    **(October 2020 – November 2021)**
- My role along with my team was to re-design the UI experience of an application from legacy application to brand new SPA using React JS and Redux.
- The legacy codebase consisted of 10,000 lines of code, and we reduced it by 30% by optimizing the code.
- Worked with Express.js for development of RESTful web services and middleware configurations.
- Developed various reusable components and pages for the application as per business requirements.

❖ **Full Stack Developer at Arya Technologies- Hyderabad, India.**        **(May 2019 – May 2020)**
- Streamlined and developed web application functionality by identifying and rectifying bugs in the UI codebase.
- Optimized the website speed and performance.
- Used PHP for back-end development.

## Projects:

❖ **Student Marketplace**                                            **(September 2022)**
- Developed a web application which is a platform for students to buy and sell products.
- Came together in a team environment of 3 people to develop the application.
- Used HTML, Tailwind CSS, JavaScript and ReactJS for frontend development.
- Used SQL for backend and Oracle database for data storage.
- Laravel framework for model-view-controller pattern.

❖ **Food Ordering Application**                                        **(August 2023)**
- This project includes developing an SPA where the user can order food from a restaurant.
- Used HTML, CSS, JavaScript and ReactJS library to develop the application.
- Used the Redux concept to manage the state flow control of the application and Firebase for backend data storage.
- Used No-SQL database MongoDB for backend data storage.

❖ **Formula One Stats Application**                                     **(July 2023)**
- Developed a one stop application for the Formula One enthusiasts.
- This application contains statistics of all the drivers, teams and circuits all around  the world since 1950.
- Used HTML, CSS, JavaScript and ReactJS library for developing the application.
- Used Firebase database for storing the datasets.

**All the projects are available on my GitHub profile provided on top and hosted on Netlify cloud.**

**Certifications:** React Complete Guide by Udemy, IT Essentials by Cisco, AWS Cloud Practitioner Essentials, AI for everyone, Introduction to Cloud Identity, Jenkins – The Complete Guide by Udemy.

## Educational Qualifications:

- Master's degree in Computer Science at University of Texas at Arlington, USA. (GPA: 3.7/4) (January 2022 - December 2023).
- Bachelor of  Technology in Computer Science at Vignan Institute of Technology and Sciences, India. (GPA: 8/10) (September 2020).