VISHNU PRIYA RAJENDRAN

Tacoma, WA

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Education

University Of Washington	**Sep. 2023 – Dec 2024**
Master's in Computer Science and Systems	*Tacoma, WA*
Sri Ramakrishna Institute of Technology	**Jul. 2015 – Jun. 2019**
Bachelor of Engineering, Electronics, and Communications Engineering	*Coimbatore, India*

Technical Skills

Languages: Java | TypeScript | SQL | Python | HTML/CSS | VB.Net | C# | C | LINQ
Databases: PostgreSQL | Azure SQL Server| MS Access | MongoDB
Frameworks/Platforms: NextJS | ReactJS| ASP.Net | AWS | Heroku | AngularJS | Git | RESTful API | ActiveDocs
Relevant Coursework: Advanced Algorithms | Software Engineering for Cloud Computing | Data Structures

Experience

Hitachi Energy	**Oct 2021 – Apr 2022**
Software Engineer	*Chennai, India*

- Upgraded an econfigure website that enables businesses to easily select and order products with **ASP.NET** and **AngularJS**.
- Specifically involved in developing product price configurators and server-side document generation using **ActiveDocs**.
- Designed a dynamic search filter menu using **AJAX control tool kits** that improved the search performance by 25%.
- Collaborated with team using version control systems such as **Git and JIRA** to organize sprints and assign tasks.

LTIMindtree	**Aug 2019 – Oct 2021**
Software Engineer	*Chennai, India*

- Managed and optimized Siemens **ASP.NET** web application, optimizing UX and operational efficiency.
- Handled **CRUD** operations and authentication for seamless user experiences.
- Worked in User Interface modules and was involved in **SSRS** to create reports and retrieve data from DB connections.
- Created **Content Management Systems** using ASP.NET with **ReactJS and Web API**.
- Explored ways to visualize and send a daily report of test results to team members using HTML, **JavaScript**, and CSS.

Projects

Luxury Cab Service	*React Native, NextJS, Supabase* **Aug. 2023 – Present**

- A Cross-platform **React Native** app for booking and managing luxury cabs.
- Designed an Admin Dashboard using **NextJS** to manage the drivers and cars data hosted in a **PostgreSQL** DB within Supabase.
- Implemented authentication using **Clerk** and configured location and notification permissions for iOS and Android.
- Developed a separate version of the application for the drivers to accept and manage incoming ride requests.

My Recipes	*ReactJS, Azure Cloud, MongoDB* **Jan. 2023 – Present**

- Founded a responsive multi-Cuisine recipe website developed with **ReactJS** and **MongoDB**.
- Deployed the website in Azure Cloud with **Elasticsearch** to find recipes with keywords.
- Created an UI with a comment section using the react-comments-section library, Lazy loading images, and a responsive navigation bar using **Material UI**.

Covid Dashboard	*ReactJS, Heroku, Python* **Jun. 2021 – Jul. 2021**

- Developed a COVID-19 dashboard using **Material Dashboard React** with data sourced from *Our World in Data*.
- Created interactive maps using **Open Street Map** API, configured through **Map Box** integration.
- Focused on visualizations of cases, testing, vaccinations, and deaths in the US and hosted in Heroku.

Leadership / Extracurricular

- Honored as **"The Best Project Team"** (2019) by LTIMindtree for designing a responsive gaming website.
- **Finalist** in TECHgium - 2019, an open innovation competition conducted by L&T Technology Services, India.
- **Quarter Finalist** in DST & Texas Instruments - 2017, a nationwide innovation contest in India.
- Hosted college-level seminars in 2019 to create awareness of campus placements and job opportunities.