VAIBHAVI ARJUNWADKAR

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ABOUT ME

With 4 years of experience, adept at crafting scalable solutions using the MERN stack. Excel in developing, optimizing applications, and managing full software development life cycles, ensuring the achievement of business goals.

EDUCATION

Master's in Computer Science, University of Texas at Arlington (Graduating in May 2024)   GPA: 4.0/4.0

TECHNICAL SKILLS

Front End Development	Html, CSS, React, Angular, JavaScript, TypeScript, Drupal
Hybrid App development	Ionic, Cordova
Unit Testing	Jasmine, karma
Server-Side programming and REST API	Node.js, PHP
Database	MongoDB, MySQL, MSSQL
Other languages and tools	Python, Git, Jira
SDLC Model	Agile, Waterfall

EXPERIENCE

Graduate Research Assistant (GRA) – Web Development   May 2023 - Present
University of Texas, Arlington   TX, United States
- Coordinated and accomplished enhancements for the UTA Libraries website and other digital projects, spearheaded innovations, collaborated to resolve issues, and implemented updates to optimize user experience and reliability.

SOFTWARE ENGINEER (BAND U2)   Aug 2021 - July 2022
Tech Mahindra Ltd   Pune, Maharashtra, India
- Led the streamlined development and **delivered the project within 75% of the estimated time**, utilizing Agile Methodology for UI, after effective prioritization and client collaboration for requirements.

SENIOR SOFTWARE ENGINEER   April 2018 - May 2021
Capgemini technology Services India Ltd   Pune, Maharashtra, India
- **Client 1: American International Group (AIG) -** As a Hybrid Mobile Application Developer, streamlined and optimized two client-mobile applications and the Frontend for a client-based Web Application, achieving a **30% reduction in data entry time** and enhancing internal processes. Expertise in JavaScript and AngularJS was leveraged to boost application performance.
- **Client 2: Morgan Stanley -** Spearheaded projects to secure successful execution. Leveraging proficiency in the React.js framework, a practical POC was formulated, serving as a prototype for future development endeavors. This initiative resulted in a **20% reduction in project delivery time and a 30% enhancement in team productivity**.

FULL STACK DEVELOPMENT INTERN   Aug 2017 - Nov 2017
ecoRise Software Solutions   Pune, Maharashtra, India
- Directed projects to guarantee successful completion. Leveraging expertise in the React.js framework, a hands-on POC was developed, acting as a blueprint for subsequent development initiatives. This endeavor **decreased project delivery time by 20% and amplified team productivity by 30%**.

SCHOLARSHIPS

- Awarded the **Leadership Development Travel Scholarship** from the University, generously facilitating full attendance at the Grace Hopper Conference 2023.
- Awarded the **Chartwells Scholarship** from University in recognition of outstanding employee contributions and dedication.

PROJECTS

Real-Time Data Simulations System (RDSS): Developed a database, analyzed data, maintained and computing efficiency of District Cooling Plant components, and monitoring operational status of phases using Microsoft SQL 2014 tool for Heta-Datain Pvt Ltd as a final year student project.

(TALE)ER | Angular, Node.js, Express.js, MongoDB, JSON
(TALE)ER, a personal project, is a web application that provides users the opportunity to read or listen to diverse stories. The primary aim of this project is to construct a user-friendly interface allowing users to log into personal accounts, explore stories, and bookmark favorite bedtime tales for subsequent reference.

PhoneBookAPI | Node.js, Express.js, MongoDB, Json
Executed a back-end function to process user input information, screened for potential malicious content, and returned the output in JSON format.