VAIBHAVI ARJUNWADKAR

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https://vaibhaviarjunwadkar.github.io/vaibhavi-portfolio/

CAREER SUMMARY

Experienced Software Engineer. Offers over five years of full-stack development expertise, with a strong focus on leading development projects, troubleshooting and process improvement across various corporate settings and software enhancement. Known for a strong user-centric approach, a proven ability to enhance UI, a rapid learner of new frameworks and a focus on collaborative development.

TECHNICAL SKILLS

Front End Development	HTML, CSS, React, Angular, JavaScript ES6, TypeScript, Drupal, JQuery
Interface Design Tools	Figma, Photoshop
Hybrid App development	Ionic, Cordova
Unit Testing	Jasmine, karma
Server-Side programming and REST API	NodeJS, Python, PHP, GraphQL
Database	MongoDB, MySQL, MSSQL Server, NoSQL
Other languages and tools	Bootstrap, Git, Jira, Postman, MS Office Suite, Jenkins
SDLC Models used	Agile, Waterfall, Scrum methodologies
AWS Services	Lambda, EKS, SQS, SNS

EXPERIENCE

Graduate Research Assistant (GRA), University of Texas at Arlington   May 2023 – May 2024
- Developed and maintained a web application using Content Management System (CMS) - Drupal, HTML, CSS, and PHP.
- Led redesign of the UTA Libraries digital project website and achieved a 30% increase in user engagement and significantly reduced page load times, enhancing academic resource accessibility.
- Used Python to automate Excel workflows, improving accuracy and saving 65% of manual time.
- Collaborated with a team of developers to create and maintain technical documentation, improving overall team efficiency by 20%.
- **Award:** Student Employee Spotlight: https://libraries.uta.edu/news-events/blog/uta-libraries-student-employee-spotlight-vaibhavi-arjunwadkar

Software Engineer (BAND U2), Tech Mahindra Ltd   Aug 2021 – July 2022
- Developed and maintained a web application using React and Node.js, resulting in a 25% increase in user engagement and a 20% increase in revenue within the first six months.
- Designed and implemented a RESTful API that improved web application performance by 30% and reduced avg response time by 50%.
- Led cross-functional team and delivered the project within 75% of the allocated time, exceeding client expectations and achieving a high user satisfaction rate.
- Collaborated with the DevOps team to implement continuous integration and continuous delivery (CI/CD) practices, reducing software release times by 50%

Senior Software Engineer, Capgemini   April 2018 – May 2021
- Developed and maintained hybrid mobile applications using Ionic and Cordova, increasing user engagement by 40%.
- Developed and implemented a new reusable component library using Angular, resulting in a 20% reduction in development time and increased consistency across projects.
- Developed and maintain unit tests for the web application, resulting in a 20% reduction in bug-related delays and a 30% increase in overall code quality.
- **Award:** Rising Star

Full Stack Development Intern, ecoRise Software Solutions   Aug 2017 – Nov 2017
- Optimized website performance by implementing lazy loading and reducing page load times by 40%.
- Independently troubleshot and debugged applications, reducing production issues by 30% and improving overall code quality.
- Developed and maintained databases using NoSQL, resulting in a 30% increase in system reliability and a 15% reduction in query response time.
- Created interactive prototypes using Figma to visualize and test user flows, ensuring a seamless user experience before development.

EDUCATION

- **Master's in computer science**, University of Texas, Arlington, Aug 2022 - May 2024   GPA: 4.0/4.0
  Award: Leadership Travel Scholarship, Chartwells Scholarship
- **Bachelor of Computer Engineering**, Nagpur University, India, June 2013 – May 2017   CGPA: 8.72/10

AREAS OF EXPERTISE

- Test-Driven Development (TDD)
- MEAN/MERN Stack
- Hybrid Mobile App Development
- UX/UI
- cross-browser compatibility
- Continuous Integration (CI/CD)
- Responsive Design
- Quality Assurance
- Continuous Process Improvement

PROJECTS

Real-Time Data Simulations System (RDSS): It was an industry-based college final project. The company name was 'Heta-Datain Pvt. Ltd'. This was the Dubai based real time project emerged from the concept of IOT. My main role was to develop a complete database, analyze data, maintain, and calculate efficiency of various components of District Cooling Plant and monitor the working status of different phases in the same using Microsoft SQL 2014 tool.

Skillify (Education Portal) | React, HTML, CSS, PHP, Node.js, MySQL, Laravel
Developed an interactive education portal with a user-centric dynamic dashboard, enhancing user engagement and operational functionality across diverse roles.
Link: https://vpa6818.uta.cloud/

(TALE)ER | Angular, Node.js, Express.js, MongoDB, Json
It was a personal project. (TALE)ER is a web application that offers users the ability to read or listen to different kinds of stories. The project's primary focus is to create a user-friendly interface that enables users to login to their personal account, read stories, and save their favorite bedtime stories for future reference.
Source code: https://github.com/VaibhaviArjunwadkar/-TALE-ER

PhoneBookAPI | Node.js, Express.js, MongoDB, Json
Engineered a secure and efficient Phone-Book API that streamlined data storage and retrieval processes, supporting continuous system improvement and data security.
Source code: https://github.com/VaibhaviArjunwadkar/PhoneBookAPI

To-Do-List | Node.js, Express.js, GraphQL, MongoDB
Developed a simple to-do list application using GraphQL for managing tasks. The project involved creating schemas and resolvers to handle queries and mutations for adding, updating, and deleting tasks,