

VAIBHAVI ARJUNWADKAR

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CAREER SUMMARY

Experienced Software Engineer with 5 years in Full Stack development. Proven success leading projects, troubleshooting complex issues, and driving process improvements. Dedicated to user-centric design, rapid adaptation to new technologies, and collaborative team environments.

TECHNICAL SKILLS

Front End Development	HTML, CSS/SASS, React, Angular Nx NGRX, JavaScript, TypeScript, Drupal
Interface Design Tools	Figma, Photoshop
Hybrid App development	Ionic, Cordova
Unit Testing	Jasmine, karma
Server-Side programming and REST API	Node.js, Python, Java, GraphQL
Database	MongoDB, MySQL, MSSQL, NoSQL
Other languages and tools	Bootstrap, Git, Jira, Postman, MS Office Suite, Jenkins
SDLC Models used	Agile, Waterfall, Scrum methodologies
AWS Services	Lambda, S3
System Design	Architectural Patterns, Microservices, Scalable Systems, High Availability

EXPERIENCE

- Graduate Research Assistant (GRA), University of Texas at Arlington** May 2023 - May 2024
 - Built web application using Content Management System (CMS) - Drupal, HTML5, CSS3, and PHP.
 - Revamped UTA Libraries' website, incorporating responsive design and navigation, yielding 30% increase in positive user feedback.
 - Automated excel workflows using Python, saving 65% of manual time.
 - Collaborated with a team, creating and maintaining technical documentation, improving efficiency by 20%.
- Software Engineer (BAND U2), Tech Mahindra Ltd** Aug 2021 - Jul 2022
 - Developed and maintained a web application using React and NodeJS, 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, delivering project within 75% of allocated time, exceeding expectations.
 - Partnered with DevOps team to implement CI/CD practices, reducing software release times by 50%.
- Senior Software Engineer, Capgemini** Apr 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.
 - Achieved 100% code coverage by writing unit test cases, increasing code quality by 30%.
- Full Stack Development Intern, ecoRise Software Solutions** Aug 2017 - Nov 2017
 - Optimized website performance, reducing page load times by 40%.
 - Troubleshoot and debugged applications, reducing production issues by 30%.
 - Structured and managed databases using NoSQL, reducing query response time by 15%.
 - Created interactive prototypes using Figma to visualize and test user flows.

EDUCATION

- Master's in Computer Science**, University of Texas, Arlington. Aug 2022 - May 2024

AREAS OF EXPERTISE

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|---------------------------------|----------------------------------|----------------------------------|
| • Test-Driven Development (TDD) | • UI/UX | • Responsive Design |
| • MEAN/MERN Stack | • Cross-browser compatibility | • Project Management |
| • Algorithm Designs & Analysis | • Functional Specifications | • Website Optimization |
| • Hybrid Mobile App Development | • Continuous Integration (CI/CD) | • Continuous Process Improvement |

ACHIEVEMENTS

- Leadership Travel Scholarship which generously sponsored my full attendance at the Grace Hopper Conference 2023.
- Chartwells Scholarship in recognition of outstanding employee contributions and dedication.

- Rising Star Award at Capgemini recognizing top 5% of employees for exceptional performance and potential.
- Student Employee Spotlight: [Link](#)

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.

[\(TALE\)ER](#) | Angular, Node.js, Express.js, MongoDB, Json

(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.

[PhoneBookAPI](#) | Node.js, Express.js, MongoDB, Json

Developed a secure PhoneBook API with streamlined data management, enhancing system efficiency and security.

[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.
