

ANJANA VARADAN

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PROFESSIONAL SUMMARY

I'm an experienced full-stack developer with over 5 years in the industry. My specialization lies in crafting seamless user interfaces using React, JavaScript, TypeScript, HTML5, CSS3, and Bootstrap. Proficient in automation testing with Selenium, I also have backend development experience using Spring boot, Node.js and AWS. My focus is on delivering exceptional user experiences, achieved through effective collaboration with clients, on-site/offshore teams, and QA. I utilize tools such as Azure DevOps, Git, and Jira to ensure efficient and successful project execution.

PROFESSIONAL EXPERIENCE

Software Developer

Jan 2024 – April 2024

Venuiti Solutions (Waterloo)

- Developing and integrating HL7 message parsing and generation capabilities, enhancing data interoperability within healthcare applications.
- Achieved a 60% reduction in runtime errors through strategic code modularization and optimization, enhancing code quality and developer experience.
- Enhanced data analysis and UI responsiveness for medical data management, improving system efficiency.

Software Developer AR-VR

Jan 2023 – Apr 2023

VARLab (Waterloo)

- Gained hands-on experience on libraries like – React, Redux, Material UI, Bootstrap, Three.js.
- Proficiently utilized Agile project management tool JIRA to plan sprints, track user stories, and manage project workflows. Conducted regular sprint reviews to gather feedback for improvement.
- Optimized application performance by reducing page load time by 30% through efficient coding.
- Successfully deployed new reusable react component which increased user satisfaction and engagement.
- Participated in fast-paced development of a new application module that generated additional revenue.
- Created comprehensive unit test cases to evaluate code changes and achieved 100% code coverage, ensuring the robustness and accuracy of the modifications.
- Effectively managed Git for version control, including resolving merge conflicts, to maintain code integrity and foster collaboration within the development team.
- Handled customer issues effectively without violating SLA.
- Prioritizing defects, identifying major & minor releases, configuration, and tracking of defects till closure.

Systems Engineer

Oct 2019 – Apr 2022

Infosys Ltd.

- Developed 30+ components for a responsive React-Redux web app in an airline client project. Collaborated closely with clients, onsite/offshore teams, and QA for problem-solving and reviews.
- Achieved 90% code coverage through Selenium-based automation testing, ensuring high-quality solutions and efficient application deployments in lower environments.
- Developed server-side code for handling baggage operations starting from the passenger Check-in till the bag reaches its destination and claimed by the user.
- Involved in all phases of the SDLC, including requirement gathering, estimation, analysis, design, documentation, development, testing, and implementation.
- Developed and maintained several RESTful APIs using Spring Boot, effectively improving data handling and integration with frontend services.
- Employed Azure DevOps for efficient project planning, continuous integration, and deployment, resulting in improved project management and delivery.
- Utilized Docker to create and manage containerized applications, enhancing the development and deployment process.
- Designed and maintained SQL databases, optimizing query performance, and ensuring data integrity for critical business applications.
- Led a UI team in creating a React-Redux Admin management portal for an internal project.
- Mentored and trained new team members increasing their productivity by 20% within 6 months.
- Managed offshore team, delegated tasks, and ensured on-time completion of activities.
- Resolved critical issues in the project, receiving recognition from the client and the company.

Junior Engineer

Jan 2018 – Sep 2019

QBurst

- Collaborated with UI/UX designers to create visually appealing and highly functional user interfaces.
- Managed project plans, ensuring adherence to timelines and reporting to senior teams.
- Assisted the onsite team during deployment, analyzing and resolving production issues.
- Improved the existing code and did bug fixes on the production level for the better performance of web application, troubleshooting various connected production systems; collaborating with various stakeholders to resolve issue.
- Provided both client support and engaged in application development, balancing the tasks of assisting users with their inquiries and contributing to the creation and maintenance of web applications.
- Developed and maintained cloud-based applications and application servers.
- Actively participated in Agile development methodologies, including sprint planning, daily stand-ups, and retrospectives.
- Worked closely with postman and swagger Hub to test and document APIs, ensuring consistency and reliability.
- Optimized database performance by implementing query optimization, indexing, and tuning, resulting in a 30% reduction in query response times.
- Conducted code reviews and implemented coding standards to maintain code quality.

EDUCATION

Mobile Solutions Development (Co-op) Program

Conestoga College, Waterloo, Ontario, Canada

- GPA: 3.89/4 (Graduation with High Distinction)

Bachelor of Electronics & Communication Engineering

APJ Abdul Kalam Technological University, Kerala, India

- CGPA: 8.7/10
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SKILLS

- **Languages:** JavaScript, TypeScript, HTML5, CSS, Tailwind CSS, Python, Java
 - **Operating System:** Windows, Linux
 - **Frameworks and Libraries:** React, Redux, Bootstrap, Redux-Toolkit, React Testing Library (RTL)
 - **Back-end Development:** Spring boot, AWS Services, Node.js
 - **Database:** MySQL, MongoDB
 - **Database Management:** DBeaver
 - **IDE:** Visual Studio Code, Visual Studio, Eclipse
 - **Testing:** Jest, Postman, Swagger
 - **Version Control:** Git, GitHub, Azure DevOps
 - **CI-CD:** Jenkins
 - **Project Management:** JIRA, Asana
 - **UI/UX Design:** Adobe Photoshop, Adobe XD, Adobe Premier Pro
 - **Additional Skills:** Microsoft Office Suite, Agile Methodology, Unit Testing
 - **Communication and Collaboration:** Effective Communicator (Written and Verbal), Team Meeting Facilitation, Collaboration Tools (Microsoft Teams).
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PROJECT

FOODAROMA - Augmented Reality Food Customization Platform

- Developed an IOS application FoodARoma, an AR platform transforming food industry interactions.
 - Utilized mobile cameras and advanced computation for immersive, dynamic food customization.
 - Used backend services including MySQL and AWS service.
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ACHIEVEMENTS & AWARDS

- Infosys Insta Awards (Mar/2021)
□ *For the quick adaptation and consistent performance in the team.*
- Infosys Insta Awards (Oct/2021)