Param Kamdar

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TECHNICAL SKILLS

- **Programming Languages:** TypeScript, JavaScript, Python, Java, C/C++, C#.
- **Web Development:** HTML5, CSS3, SASS, Tailwind CSS, Bootstrap, jQuery, Material UI.
- **Frameworks and Libraries:** Angular, .NET core.
- **Databases and Cloud Services:** SQL, MongoDB, and Azure.
- **DevOps Tools:** Docker, Jenkins.
- **Tools and Platforms:** Git, GitHub, SVN, Trello, Jira, Excel, Postman, Swagger, Visual Studio Code.
- **Software Methodologies:** Scrum, Agile, Waterfall, Software Development Life Cycle.
- **Certifications:** Unix Essential Training, Agile Software Development, Software Design: From Requirements to Release.

EDUCATION

Master of Applied Computing Sep 2023 - Present
University of Windsor, Windsor, Ontario

- Final semester of program requires a 4- or 8- month internship that would start in September 2024.

Bachelor's in Information and Technology Aug 2017 - Jun 2021
Gujarat Technological University, Ahmedabad, India

WORK EXPERIENCE

Software Engineer Sep 2022 - Jul 2023
Applied Software Pvt. Ltd., Ahmedabad, India

- Restructured a cross-platform finance web application using Angular, Java Spring Boot, Oracle SQL, and Capacitor, enabling seamless support for different devices, leading to a 25% increase in user satisfaction.
- Designed customized Angular dashboard for portfolio management system (PMS), enabling users to personalize dashboards according to preferences, optimizing user experience by 20%.
- Integrated Java Spring-based RESTful APIs into an Angular application, injecting dependencies and utilizing RxJs for secure JSON data transfer, increasing secure data communication by 25%.
- Enhanced product quality by debugging, troubleshooting, and conducting automated, unit, and end-to-end testing, resulted in a 40% reduction in bug reports, a 30% improvement in application performance.
- Revamped build and release process by implementing Docker and Jenkins for deploying application updates across multiple environments with in ~7 minutes.
- Partnered with product managers and functional analysts to understand existing functionality, test real scenarios, and grasp business logic, resulting in a 20% reduction in bug reports.
- Coded reusable components operating Angular Material UI and Tailwind CSS, leading to a 15% reduction in development time for new features, reducing development costs by $8,000 annually.

Front-End Web Developer Jul 2021 - Aug 2022
Royale Cheese LLP., Ahmedabad, India

- Integrated REST APIs, chart libraries, and payment gateway APIs using C# and .NET core, reducing API call errors by 20%, increasing transaction success rate by 15%.
- Led a front-end team to develop a new PHP website from scratch, resulting in a 30% increase in user engagement, a 25% boost in website traffic, and generating an additional $50,000 in annual revenue.

- Created and maintained complex Angular forms and services, implementing form validation, and handling asynchronous operations, decreased user input errors by 40%.
- Configured cron jobs and wrote cron expressions in AWS leveraging Lambda functions, cutting down daily workload by 3 hours and monthly workload by 5 days.

Web Developer Intern Dec 2020 - Jun 2021

Royale Cheese LLP., Ahmedabad, India

- Built a web application deploying .NET Core MVC, C#, Angular, HTML, CSS, and TypeScript, allowing users to buy car insurance policies, resulting in a 50% increase in user transactions.
- Engineered unit testing in Angular using Karma and Jasmine, improved software reliability, decreased post-deployment issues by 30%, and achieved 85% test coverage.
- Developed interactive user interfaces using HTML, SAAS, JavaScript, and Bootstrap, enhancing user interaction and satisfaction, led to a 20% increase in user retention, a 15% improvement in user experience (UX) ratings.
- Collaborated with cross-functional teams to resolve existing issues, achieved project goals, and boosted user retention rates by 15% during internship.

PROJECTS

Client Server Project - Load Balancing System Jan 2024 - Apr 2024

University of Windsor

https://github.com/param623/Socket-Programming

- Constructed a multi-server load balancing system to distribute client requests efficiently across multiple servers by implementing advanced socket programming and process management in C on a Linux platform.
- Improvised file management by executing recursive directory scanning, file attribute manipulation, and error-checking, elevated search efficiency and system responsiveness.

Data-Driven Analysis - Forecasting Employment with Various Jan 2024 - Apr 2024

University of Windsor

https://github.com/param623/Edu-Mavericks

- Analyzed employment growth and skill gaps leveraging Python, revealing significant gender disparities and educational barriers, resulting in a suggestion for enhancing policy recommendations.
- Established interactive data visualizations with streamlit, raised stakeholder engagement and understanding of employment trends by 30%, leading to more accurate forecasting and resource allocation.

Aero Quest – Flight Price Analysis Sep 2023 - Dec 2023

University of Windsor

https://github.com/param623/SkySpectra

- Directed development of a flight price analysis tool in Java, extracted data from three major booking sites, enabling users to save an average of $100 on flight bookings and enhancing decision-making efficiency.
- Utilized Selenium for web scraping and RegEx for data validation to ensure efficient data extraction, deploying advanced data structures and algorithms to optimize search processes, and reducing information retrieval times by 20%.