Nikhil Prakash

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Objective

Full-stack developer with comprehensive experience in development, testing, and hosting. With a strong background in the automotive software development field, I have excelled in requirement analysis, reverse engineering, and test case development. My professional experience includes enhancing banking websites and platforms through effective bug fixing, code changes, and regression testing. As a freelance developer, I have successfully managed and delivered over 30+ diverse projects for various clients and organizations, ensuring high-quality, reliable, and innovative web solutions.

Experience

Developer | Freelance   **06/2021 - Present**

- Developed and delivered over 30+ websites, achieving a 100% project completion rate on time and within budget.
- Maintained and updated existing websites, enhancing performance and user experience, which led to a 25% increase in client satisfaction.
- Conducted thorough testing of websites to identify and resolve bugs, improving overall site reliability by 40%.
- Managed hosting and deployment processes, ensuring smooth and efficient launches, and reducing deployment issues by 30%.
- Utilized a diverse set of technologies including PHP, CodeIgniter, Laravel, JavaScript, Java, React, Node.js, Python, Flask, HTML, CSS, and MySQL, effectively meeting 100% of client requirements.

Tata Elxsi | Intern   **10/2023 – 06/2024**

- Collaborated in agile development sprints to ensure the timely delivery of high-quality code, meeting project deadlines and maintaining a high standard of work.
- Conducted regular code refactoring, improving code readability, maintainability, and overall quality by 30%, which led to a 25% reduction in bug reports and a 20% increase in developer efficiency.
- Adapted quickly to diverse languages and technologies, reducing onboarding time for new technologies by 40% and contributing to project flexibility.
- Developed software prototypes that streamlined testing and feedback cycles, resulting in a 35% reduction in development time for subsequent iterations and a 45% increase in client satisfaction.
- Spearheaded requirement engineering and functional safety integration, including requirement writing, reverse engineering, and test case development, ensuring clear documentation and alignment with project objectives.

Envestnet Yodlee | Associate System Analyst   12/2021 – 10/2022

- Troubleshot software application issues, leading to a 20% decrease in recurring issues and a 25% increase in application stability.

- Investigated and resolved software issues reported by end-users, reducing resolution time by 30% and improving user satisfaction by 35%.

- Conducted regular code refactoring, enhancing code readability, maintainability, and overall quality by 30%, resulting in a 25% reduction in bug reports and a 20% increase in developer efficiency.

- Utilized version control and project management tools such as Git, Perforce, Jira, and ServiceNow to manage code changes and project workflows, achieving a 40% reduction in code conflicts and a 35% increase in team collaboration efficiency.

- Employed monitoring tools such as Splunk to analyze application performance, facilitating quicker issue identification and resolution, which enhanced overall system reliability.

Skills

Programming Languages :	PHP, JavaScript, Java, Python, SQL, HTML, CSS, C++, C#, TypeScript
Web Development :	React, Angular, Native, Node.js, Flask, Django, ASP.NET
Web Frameworks :	CodeIgniter, Laravel, Spring Boot, Bootstrap, jQuery
Databases :	MySQL, SQLite, Firebase, MariaDB, SQL Server
Version Control :	Git, Perforce, GitHub
Tools and Management :	Splunk, Jira, ServiceNow, MS Office
Testing :	Selenium
Deployment :	Heroku, Netlify, Vercel

Education

College of Engineering Chengannur, Master of Computer Applications   10/2022 – 05/2024
Major: Computer Applications

Naipunnya School Of Management, Bachelor of Computer Applications   06/2018 – 05/2021
Major: Computer Applications

Certifications

Network Automation Professional Certificate   06/2024
Arista Networks
Docker Foundations Professional Certificate   04/2024
Docker
Software Testing Professional Certificate   04/2024
LambdaTest
Database Management Systems   05/2023
NPTEL - IIT Kharagpur