PRIYANKA SUNIL JAWALKAR

Syracuse, NY

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SUMMARY

Frontend Developer with hands-on experience in software development, specializing in agile methodology for building scalable applications. Strong problem solving skills with expertise in data structures, algorithms, and complexity analysis to optimize performance. Passionate about delivering high-quality frontend solutions with seamless user experiences.

EDUCATION

Syracuse University   Syracuse, NY

Master of Science. Computer Science, **3.6**   May 2025

Coursework:Design & Analysis of Algorithms, Object-Oriented Design, OOP, DBMS, Operating Systems, NLP, AI.

Mit World Peace University, Faculty of Engineering and Technology   Pune, India

Bachelor of Technology. Computer Science and Engineering, **4**   June 2022

• Software Development, Data Structures, UI/UX Design, Tools for Engineering.

TECHNICAL SKILLS

• Programming: Java, Python, C++, C, SQL, JavaScript, Typescript, Haskell, HTML, CSS.
• Databases: MySQL, Microsoft SQL Server, MongoDB.
• Tools & Frameworks: Node.js, React.js, Svelte, Angular, Bootstrap, Git, AWS, FastAPI, RestAPI, Jest, Postman.

WORK EXPERIENCE

Paytm Money   Remote, India

Software Engineer   July 2022 – July 2023

• Optimized front-end performance and increased product functionality for the Paytm Money app using React, Svelte, HTML, and JavaScript, resulting in a 30% improvement in user engagement.
• Conducted thorough testing and debugging using Jest and Postman, identifying and resolving issues, contributed to a 30% reduction in production errors and ensured robust, maintainable code.
• Collaborated with 3+ teams to design and perform features for Paytm Money, delivering scalable code revised feature delivery time by 20% and boosted user engagement.

Hybrid Apps Intern   January 2022 – July 2022

• Built and maintained interactive UI components utilizing React and TypeScript, improving component reusability by 40%.
• Enhanced page performance and accessibility, ensuring seamless user experiences across devices, reducing load times by 20%.

IT Planet Software Solution Pvt. Ltd   Remote, India

Web Developer Intern   March 2021 – June 2021

• Designed and implemented responsive landing pages and dashboards employing HTML, CSS, and JavaScript, increasing website traffic by 15%.
• Optimized API interactions, reducing load time by 25% and improving page responsiveness.

PROJECTS

Algorithm Visualizer   Spring 2025

• Developed a real-time algorithm visualization platform with React and JavaScript to demonstrate sorting and pathfinding algorithms.
• Enhanced rendering efficiency by 50%, eliminating redundant re-renders for a smoother experience.
• Implemented 6+ algorithms including QuickSort, MergeSort, Dijkstra's, and A Pathfinding*, allowing users to compare execution times dynamically.

Portfolio Website   Fall 2024

• Designed and built a personal portfolio website using React, Next.js, and Tailwind CSS, showcasing 10+ projects and achievements.
• Implemented dark mode toggle and smooth animations, cutting down bounce rate by 20% and enhancing user experience.
• Integrated Google Analytics to track visitor engagement, providing insights for continuous improvement.

E-commerce Web App   Fall 2024

• Engineered a functional e-commerce frontend leveraging React, Redux, and Material-UI, supporting 1000+ products.
• Integrated real-time search, advanced filtering, and an intuitive cart system, lowering checkout abandonment by 25%.
• Optimized API requests and embedded Stripe for secure payment processing, decreasing response times by 30%.