DARSHAN BOPALKAR

Software Developer

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Objective

Dynamic Frontend Developer with 4.5+ years of proven expertise at Siemens Technology Services PVT LTD, specializing in delivering enterprise-scale web applications. Demonstrated success in implementing micro-frontend architecture and creating responsive, user-centric solutions using Angular, TypeScript, and modern web technologies. Proven track record of transforming complex design requirements into intuitive, high-performance applications while adhering to Agile methodologies. Leveraging strong expertise in Figma, HTML5, and CSS3 to create seamless user experiences. Seeking challenging opportunities to apply my technical leadership and innovation skills in driving next-generation web development initiatives.

Technical Expertise

- **Frontend Frameworks:** Angular (v13-17), Micro-Frontend Architecture
- **Languages:** TypeScript, JavaScript, HTML5, CSS3
- **UI Libraries:** Material UI, Bootstrap, SiMPL (Siemens Internal UI Library)
- **Testing Tools:** Jest, Jasmine, Karma
- **Development Tools:** VS Code, Postman, Browser DevTools, Git CLI
- **Design Tools:** Figma, Canva
- **Methodologies:** Agile, Scrum

Professional Experience

SIEMENS TECHNOLOGY PRIVATE SERVICES PVT LTD

IT Software Developer & UX Designer   **Mar 2023 – Present**

- Developed and optimized web applications using Angular (v13-17), improving performance and usability.
- Designed and implemented intuitive UI/UX solutions in Figma, ensuring consistency across web and mobile platforms.
- Architected and deployed micro-frontend solutions using Module Federation, successfully breaking down a monolithic application into 6 independent micro-frontends, reducing build time by 45% and enabling parallel development across 3 cross-functional teams.
- Created wireframes, prototypes, and interactive designs to enhance user engagement.
- Participated in Agile ceremonies, peer programming, and code reviews.
- Collaborated with a QA team of 6 members to implement automated testing strategies, achieving 85% test coverage and reducing post-release issues by 70%.
- Facilitated daily Agile ceremonies and conducted bi-weekly code reviews for a team of 12 members, achieving 90% code quality metrics and reducing bug reports by 60%
- Designed and implemented UI/UX solutions in Figma for a team of 8 developers, creating 50+ reusable components that reduced development time by 35% and ensured 98% design consistency across platforms.

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SIEMENS TECHNOLOGY PRIVATE SERVICES PVT LTD (via Randstad India)

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Software Engineer   **Jan 2022 - Jan 2023**

- Developed and maintained NXPower monitor products, improving Web application responsiveness
- Architecture & Development:
    - Built 25+ reusable components using TypeScript.
    - Implemented error boundary handling reducing crash incidents by 80%
    - Created responsive layouts supporting 5 different breakpoints
    - Achieved 90% unit test coverage using Jasmine and Karma
    - Optimized existing web pages, ensuring cross-browser compatibility and accessibility.
- Collaborated with scrum teams, participated in sprint planning, standups, and backlog grooming.

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SIEMENS TECHNOLOGY PRIVATE SERVICES PVT LTD (via Valuesoft Info Services)

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Software Engineer   **Jan 2021 - Jan 2022**

- Developed and deployed interactive landing pages with HTML, CSS, JavaScript.
- Designed and implemented responsive UI components, improving user experience.
- Worked in an Agile environment, assisting in product releases and feature enhancements.
- Engaged in UX testing and design system implementation for consistent branding.

Projects

Electrification-X: - The Electrification-X project, within this project domain, monitors and controls EV charging station loads using graphical representations and single-line diagrams. One application which had multiple feature sets (PAM, EVC , CSE , SM etc.) managed with the help of micro front-end library NX. front-end used SiMPL (siemens internal UI -UX library) for building angular components.

NX power Monitor: - This project falls under the electric domain and involves implementing various related products. Key elements include substations, switchgear, feeders, transformers, and motors, with capabilities to monitor Condition monitoring, Temperature Monitoring, current, voltage, energy, and more.

PHED - Water SCADA: - PHED stands for Public Health Engineering Department. We developed a web application to monitor water supply data for households in Bihar, including metrics such as water pressure, quantity supplied, water quality, and live water station status.

Achievement

- Received the Call of Duty Award for outstanding performance, resolving over 4,000+ Quality issues in a span of Two months.
- ISTQB (International Software Testing Qualifications Board) Foundation Level.

Education

Savitribai Phule Pune University   **Jun 2017 – Aug 2020**
Bachelor of Mechanical Engineering   *Pune, Maharashtra*

Leadership

- As the administrator of the Branding & Engagement Spark team, I drive strategic initiatives that enhance our organization's brand presence. My role focuses on cultivating an environment that promotes creative thinking, innovative solutions, and effective teamwork, ultimately leading to stronger engagement across the organization.
- Organizing a wide variety of events, games, and team outings.
- Managed responsibilities such as Scrum Master: -
  - Led daily stand-ups for a cross-functional team of 16 members [1], maintaining 95% attendance rate.
  - Facilitated bi-weekly sprint planning sessions, achieving 92% sprint goal completion rate.
  - Implemented refined estimation techniques reducing planning deviation
  - Established a structured backlog grooming process.

Language

- English (Professional)
- Marathi (Professional)
- Hindi (Professional)