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EDUCATION

- Bachelor of Engineering in Computer Engineering, Savitribai Phule Pune University, Pune, Maharashtra, 2020

CORE COMPETENCIES

Application Architecture	<div></div>
Database Design	<div></div>
System Integration	<div></div>
Performance Optimization	<div></div>
Project Management	<div></div>
Quality Assurance	<div></div>
Data Security	<div></div>
User Experience	<div></div>
Risk Management	<div></div>
Compliance Standards	<div></div>
Software Development Lifecycle	<div></div>
Requirement Gathering	<div></div>
Troubleshooting	<div></div>

TECHNICAL SKILLS

Web Development: React JS, HTML, CSS, Angular, JavaScript, ES6, Redux	<div></div>
Backend Technologies: NodeJS, Next.js (beginner)	<div></div>
Database: MongoDB	<div></div>
Skills: Rest API, Agile	<div></div>
DevOps and Cloud: Azure, CI/CD, AKS (beginner)	<div></div>
Testing Frameworks: JUnit, Jasmine, Karma	<div></div>
Tools: VScode, Postman	<div></div>

PERSONAL DETAILS

Date of Birth	: 5 th February 1998
Languages Known	: English, Hindi & Marathi

VRUSHALI HIPPARGI

OBJECTIVE

Passionate Software Developer with over 3.5 years of experience. Dedicated to Crafting Innovative Solutions for Seamless User Experiences.

PROFILE SUMMARY

- Over 1 year of experience as a Systems Engineer at TCS Pune, specializing in feature development and client satisfaction.
- Improved page load times by 30% through optimization techniques such as code splitting and lazy loading.
- Increased user engagement metrics by 25% by implementing responsive design principles and enhancing UI/UX features.
- Achieved a 20% reduction in front-end bugs through rigorous testing and implementation of error tracking tools.
- Developed and deployed 3 new microservices using MongoDB, Express.js, React, and Node.js, enhancing system scalability and performance.
- Improved code maintainability by refactoring legacy AngularJS components, achieving a 30% reduction in technical debt.
- Optimized Angular application performance by 15% through efficient use of Angular CLI optimizations and AOT (Ahead-of-Time) compilation.
- Knowledgeable in Agile methodologies and Rest API practices.

ACHIEVEMENTS



Consistently recognized by colleagues and clients for consistently delivering high-quality results and representing unwavering dedication.



Received the PEP (Performance Excellence and Performance) award, acknowledging exceptional contributions and achievements within the team.

WORK EXPERIENCE

Systems Engineer at TCS Pune | April 2023 – Present

Key Result Areas:

- Leading a team of two for feature development, ensuring on-time delivery and exceeding client satisfaction expectations.
- Designing and implementing highly responsive user interfaces using React and Redux at TCS, utilizing advanced techniques such as lazy loading and virtualization to optimize performance. This has resulted in a 40% increase in user engagement and a 25% reduction in load times across all platforms.
- Developing and optimizing REST API services using Node.js at TCS, implementing efficient data caching strategies and microservices architecture to enhance back-end system efficiency and scalability.
- Playing a key role in elevating project standards at TCS by participating in 20+ code reviews, delivering constructive feedback, and integrating strategic enhancements. This initiative led to a 40% decrease in post-release defects and a 20% boost in overall performance.

Associate Software Engineer at Prolifics Pune | November 2020 – March 2023

Key Result Areas:

- Contributed to the enhancement of user experience and interface design by actively developing front-end applications using Angular and React.js at Prolifics. Implemented responsive design principles and optimized front-end performance to deliver a seamless user experience.
- Architected and implemented robust, scalable back-end services using Node.js at Prolifics, leveraging microservices architecture and containerization (Docker) for improved application infrastructure.
- Mentored junior engineers at Prolifics, conducting regular code reviews and providing guidance on best practices, resulting in significant skill development and professional growth within the team.
- Successfully collaborated on innovative Proof of Concepts with advanced technologies like Next.js and React-Native at Prolifics, reducing development time by 25% and improving user engagement by 30%.

SOFT SKILLS

Problem-Solving Expertise



Adaptability



Independent and Efficient



Analytical Skills



Coordination



Effective Communication



- Contributed to the development of unit test cases using Jasmine and Karma at Prolifics, ensuring application reliability and stability.
- Maintained high standards in code review at Prolifics, ensuring precision, reliability, and adherence to best practices.

PERSONAL PROJECT

Go-to-shop, developed in February 2023 using the MEAN stack, features comprehensive functionalities including authentication, login, and registration.

Description:

- The project implements robust authentication and authorization mechanisms through JSON Web Tokens (JWT). These measures are designed to ensure secure access control, effectively protecting user data and transactions with stringent security protocols.
- NodeJS: [go-to-shop-node](#)
- Angular: [go-to-shop-node](#)