

# NITESH SHARMA

SOFTWARE DEVELOPMENT | FRONTEND DEVELOPMENT | FULL STACK DEVELOPMENT

## Summary

- **Highly skilled Software Developer with 2+ years of experience in Rust, ReactJS, JavaScript, and modern web technologies**
- Strong **problem-solving** abilities demonstrated through successful integration of **APIs** and dynamic data handling
- Proficient in creating **responsive, user-friendly** applications that enhance **user engagement** and application performance
- Experience working with **agile methodologies**, ensuring efficient collaboration and project delivery
- Adept at using **version control systems** like **Git** for seamless team collaboration and code management
- Passionate about optimizing **user experience** through clean, maintainable code and best development practices
- Continually expanding knowledge of new tools, frameworks, and techniques to stay at the forefront of technology

## Notable Accomplishments

- Built a successful product using **Unreal Engine 5** and **C++** | [Link](#)
- Solved **400+ problems** on Leetcode and CodeChef, demonstrating strong algorithmic skills **Game Engine** | [Link](#)
- Developing a **game engine** in **Rust** with the **ECS paradigm**, reducing file size by **98%** | [Link](#)

## Areas of Expertise

- Design and implement responsive, user-friendly interfaces using HTML, CSS, JavaScript, and frameworks like React or Angular
- Develop and maintain both frontend and backend components, ensuring seamless integration between them
- Build and manage RESTful APIs, handle database design, and write efficient server-side code
- Optimize web performance, troubleshoot issues, and ensure cross-browser compatibility
- Collaborate with UI/UX designers, conduct testing, and maintain code quality using version control tools like Git
- Ensure application scalability, security, and performance across the full tech stack

## Work Experience

**Aug 2022 – Jul 2024 | Volkswagen Group Technology Solutions India, Pune India | Developer**

### Key Deliverables:

- Skills: JavaScript, Rust, React, PowerBI, Power Automate, Python, Node.js, Problem Solving
- Developed and maintained responsive, cross-browser web applications using React, Material UI, and modern JavaScript
  - Applied Test-Driven Development (TDD) with Jest and React Testing Library to ensure high code quality and ease of maintenance
  - Contributed in daily Scrum meetings, enhancing team velocity by 15%
  - Collaborated with backend teams to integrate and optimize RESTful APIs for improved data performance

## Internship

**Dec 2021 – Mar 2022 | DesaniXR | Game Developer**

### Key Deliverables:

- Skills: C#, Unity, Multiplayer Systems, Team Collaboration, Problem Solving
- Created 3-5 game modules daily for a multiplayer game using Unity and C#, showcasing rapid prototyping and iterative development
  - Worked with a cross-functional team to design engaging gameplay mechanics and optimize performance, boosting user retention by 25%
  - Gained hands-on experience in game development best practices, version control, and Agile methodologies

## Contact Details

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[LinkedIn](#)

[Portfolio](#)

[GitHub](#)

**Present Location:** Pune, India

## Core Competencies

- Frontend Development
- Full Stack Development
- API Integration
- UI/UX Design
- State Management
- Responsive Design
- Performance Optimization
- Component Reusability
- Agile Methodologies
- Test-Driven Development (TDD)
- Debugging & Troubleshooting
- Cross-Browser Compatibility
- Deployment
- Problem Solving
- Team Collaboration
- Code Quality Assurance
- Software Development Life Cycle (SDLC)
- Version Control
- User Engagement Optimization

## Technical Skills

- **Programming Languages:** JavaScript, Rust, C++, Python
- **Front-End Development:** ReactJS, NextJS, Leptos.
- **UI Frameworks:** Material UI, Radix UI, Tailwindcss.
- **Backend:** Node.js, Express.js.
- **Performance Optimization:** Lazy Loading, Code Splitting, Caching, PWA
- **Database:** MongoDB, MySQL, SurrealDB.
- **Testing:** Test-Driven Development (TDD), Jest, React Testing Library.
- **Tools:** Git, npm, Webpack, Babel, Cargo, Trunk
- **Agile Methodologies:** Scrum, Kanban, Agile Project Management
- **More:** Responsive web design, Problem Solving, Time Management

## Freelance Projects

### Aug 2024 – Sep 2024 | Frontend Developer | Phoenix Consultant | [Link](#)

Skills: React, Material UI, Swiper, Scrum, JavaScript, HTML5, CSS3, Node.js

- Developed a full frontend solution using React, Material UI, and Swiper, leading to a 30% boost in user engagement and a 20% increase in client acquisitions
- Optimized website performance with lazy loading, code splitting, and caching, reducing page load times by 25%
- Collaborated with cross-functional teams using Agile methodologies (Scrum, Kanban), improving efficiency by 10%

## Independent Projects

### Bot AI | Sep 2024 - Oct 2024 | [Link](#)

Skills: HTML5, CSS3, JavaScript, React.js, Node.js, Material UI, Responsiveness, Conditional Rendering, Component Reusability, Customizing Third-Party Components, Deployment

- Built a React-based AI chatbot application with real-time feedback
- Applied modern UI/UX design principles, boosting user engagement by 35%

### Medify | Aug 2024 – Sep 2024 | [Link](#)

Skills: Conditional Rendering, React State & Props, Event Handling, Lifecycle Methods, Responsive Design, localStorage, Deployment

- Developed a React app for booking medical appointments, integrating with backend APIs
- Applied state management and routing to ensure a seamless user experience

### Qtify | Jul 2024 – Aug 2024 | [Link](#)

Skills: ReactJS, Swiper, Module-scoped CSS, Flexbox, CSS Variables, Conditional Rendering

- Connected with backend services to fetch and display music data dynamically

### Qkart | Jun 2024 – Jul 2024 | [Link](#)

Skills: React Hooks, Forms, Controlled Components, REST, JSON, Error Handling, Developer Tools, ES6, Debouncing

- Built essential e-commerce features like authentication, shopping cart, and checkout
- Integrated REST APIs for dynamic data loading, boosting application performance by 30%

## Education

### B.E. in Computer Science from Savitribai Phule Pune University, Pune, India | 2018 – 2022 | 85%

- Third Year Project: Full-fledged multiplayer game using UE 4 and C++ engaging 120+ users
- Final Year Project: AI-powered book and song summarization tool using Natural Language Processing converting 5000+ lines to 50 lines or less

## Certifications

- Master Coding
- Ultimate Rust

## Soft Skills

- Communication
- Attention to Detail
- Problem Solving
- Adaptability
- Multitasking

## Personal Details

- Date of Birth: July 23, 1999
- Languages Known: English, and Hindi