MD SHARIFUL ISLAM

Frontend Developer

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PROFESSIONAL SUMMARY

Results-driven Frontend Developer with 3+ years of hands-on experience building modern, responsive web applications using React and TypeScript. Proven expertise in automated testing frameworks (Playwright, Jest, Cypress), CI/CD pipelines, and agile development practices. Strong focus on delivering high-quality, maintainable code with exceptional UX/UI implementation. Experienced in collaborating with cross-functional teams and optimizing application performance. Passionate about leveraging cutting-edge technologies and best practices to create seamless user experiences.

TECHNICAL SKILLS

Frontend Development:
React, TypeScript, JavaScript (ES6+), Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Design

Testing & Quality:
Playwright, Cypress, Jest, React Testing Library, Unit Testing, Integration Testing, E2E Testing

Backend & Database:
Node.js, Express.js, Python, MongoDB, MySQL, REST APIs, Firebase

DevOps & CI/CD:
GitHub Actions, GitLab CI/CD, Jenkins, Docker, Git, Git Workflows, Deployment Automation

Cloud & Tools:
AWS (S3, CloudFront, Lambda), Vercel, Netlify, Heroku, Postman, Figma, VS Code

Methodologies:
Agile/Scrum, Code Review, Version Control, Performance Optimization, Cross-browser Testing

PROFESSIONAL EXPERIENCE

Web Developer (Working Student)

SynoSys TU Dresden | Dresden, Germany

September 2024 - Present

- Develop and maintain responsive web applications using **React and TypeScript**, improving type safety and reducing runtime errors by 40%
- Implement comprehensive automated testing using **Playwright and Jest**, achieving 85% test coverage and reducing bug reports by 35%
- Contribute to **CI/CD pipeline** development with GitHub Actions, automating build, test, and deployment processes, reducing deployment time by 50%

- Collaborate with UX/UI designers to implement pixel-perfect, **responsive designs** across mobile, tablet, and desktop platforms
- Optimize application performance through code splitting, lazy loading, and efficient state management, improving page load times by 30%
- Participate in agile ceremonies including sprint planning, daily standups, and retrospectives, ensuring timely delivery of features
- Conduct code reviews and mentor junior developers on React best practices and TypeScript patterns

Frontend Developer (Working Student)

ISD Software und Systeme GmbH | Dresden, Germany

September 2022 - October 2023

- Developed modern web interfaces using **React, JavaScript, and CSS3** for enterprise-level applications serving 10,000+ users
- Collaborated closely with **UX/UI designers** to translate Figma designs into functional, accessible web components with 98% design accuracy
- Implemented **Cypress E2E tests** for critical user flows, reducing production defects by 25%
- Integrated RESTful APIs and managed application state using Redux, improving data flow efficiency
- Optimized frontend performance using Chrome DevTools, achieving Lighthouse scores above 90 for performance and accessibility
- Participated in **Agile/Scrum** development process with 2-week sprints, consistently meeting sprint goals
- Utilized Git workflows (feature branching, pull requests, code reviews) for collaborative development
- Debugged and resolved cross-browser compatibility issues for Chrome, Firefox, Safari, and Edge

EDUCATION

M.Sc. in Digital Transformation

University of Applied Sciences and Arts Dortmund | Dortmund, Germany

September 2022 - Present (Expected: 2025)

Focus: Web Technologies, Cloud Computing, Software Engineering, Agile Project Management

B.Sc. in Computer Science & Engineering

European University of Bangladesh | Dhaka, Bangladesh

March 2016 - June 2019

Focus: Software Development, Database Management, Web Programming, Data Structures & Algorithms

KEY PROJECTS

E-Commerce Platform | React, TypeScript, Next.js, Tailwind CSS

- Built a full-stack e-commerce application with product catalog, shopping cart, and checkout functionality
- Implemented server-side rendering with Next.js for improved SEO and performance

- Integrated Stripe payment gateway and deployed with CI/CD pipeline on Vercel

Task Management Dashboard | React, TypeScript, Redux, Jest
- Developed a responsive task management application with drag-and-drop functionality
- Achieved 90% test coverage using Jest and React Testing Library
- Implemented real-time updates using WebSocket connections

CERTIFICATIONS & CONTINUOUS LEARNING

- **Next Level Web Development** - TypeScript, Next.js, Redux, Testing, GraphQL (Programming Hero, 2024)
- **Complete Redux Course** - Advanced State Management (Learn with Sumit, 2024)
- Active contributor to open-source projects on GitHub with 100+ contributions

LANGUAGES

English: C1 (Professional Proficiency)   **German:** A2 (Elementary)   **Bengali:** Native

ADDITIONAL SKILLS & INTERESTS

Technical Interests: GraphQL, Kubernetes, Docker containerization, AWS architecture, Progressive Web Apps (PWA)
Soft Skills: Problem-solving, Cross-functional collaboration, Technical documentation, Mentoring, Adaptability
Personal: Open-source contribution, Tech blogging, UI/UX design exploration, Continuous learning