

# SAFWAN AHMED

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## EDUCATION

### SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE

Jun 2021 – May 2024

*Bachelor of Science in Computer Science - CGPA - 7.93*

*Mumbai, Maharashtra*

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Agile Software Development
- Full Stack Development
- Git Source Control
- Docker
- SEO Optimization

## PROJECTS

### Tunnel 🔗 | Node, Mongo, Express, Socket, Next.js, Chakra UI

Oct 2022

- Engineered a dynamic, real-time chat application using Next.js Socket.IO, and Chakra UI, delivering seamless and interactive communication experiences
- Implemented a real-time chat feature using WebSocket and Socket.io, enhancing user engagement and reducing response time by 20%.
- Ensured seamless interaction on mobile devices through responsive design, optimizing accessibility and usability across various screen sizes. Enhanced user experience by incorporating light and dark themes, providing users with personalized visual preferences.

### Taskblitz 🔗 | Appwrite.io, Next.js, Chakra UI

Jan 2024

- Developed a TODO application with integrated authentication and authorization functionalities, leveraging Next.js. Ensured data security and user privacy through robust authentication mechanisms and access controls.
- Integrated Appwrite.io for backend services, enabling secure user authentication and data storage.

## EXPERIENCE

### ILM UX 🔗

Jan 2022 – Aug 2024

*Software Engineer Intern(MERN Stack)*

*Mumbai, Maharashtra*

- Crafted a dynamic website by seamlessly integrating Storyblok with Next.js while adhering to best practices in SEO, performance optimization, and coding standards. Resulting in an efficient, high-performing web experience.
- Created a robust Component Library using Chakra UI and Storybook, subsequently releasing it as an NPM package for universal integration across diverse projects.
- Built a comprehensive Banking website leveraging Next.js, Chakra-UI, SWR, and Zustand to effectively manage intricate business logic and meet complex business requirements.
- Designed a Backend for Frontend (BFF) layer to securely conceal backend endpoints and data exchanges, ensuring users have no visibility into these details.
- Introduced unit testing, SOLID principles, and code reviews, significantly enhancing the team's coding quality. This initiative boosted overall productivity and helped the team upskill.
- Implemented secure authentication and authorization using Passport.js and JWT to ensure robust data privacy and access control.
- Developed high-performance REST APIs for seamless integration with MongoDB, streamlining data access for front-end applications.

### Deloitte 🔗

Aug 2024 – Present

*Associate Analyst*

*Pune, Maharashtra*

- Developed an automation tool for shift handover as a CTO asset using Python and Flask, projected to save around 900 hours annually, recognized as a significant innovation.
- Created an automation solution for Volumetrics using Python and Flask, saving approximately 100 hours of annual work and reducing manual effort and errors.
- Assisted teams with understanding scripts and optimizing server resources, improving CPU and memory usage based on detailed analysis.
- Helped in upskilling and onboarding new teammates, ensuring they were well-equipped to contribute effectively to the team.

## TECHNICAL SKILLS

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**Languages:** TypeScript, JavaScript, Python

**Frameworks & Libraries:** Next.js, React.js, Flask, Node.js, Express.js, Nest.js, Redux, Zustand, Chakra UI, Storybook.

**Tools & Technologies:** Git, Docker, Linux, MongoDB, Jest, HTML, CSS, Storyblok

## CERTIFICATIONS

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- Joy of Computing using Python - NPTEL
- Front-End Development - LinkedIn
- TCS iON Career Edge - Young Professional
- Front-End Development (HTML) - Great Learning