

# AKHIL SHAHNI

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## Professional Summary

Experienced Frontend Developer with 3 years of experience in software development, including 1 years in C Sharp Windows applications and 2 years specializing in React.js, HTML, Tailwind CSS, and JavaScript. Passionate about creating dynamic, responsive, and user-centric web applications. Actively seeking opportunities to deepen expertise in modern frontend technologies.

## Technical Skills

**Languages:** C/C++, JavaScript, SQL, NoSQL

**Web Technologies:** HTML5, Tailwind CSS, React.js, Redux, React Hook Form, Axios

**Database:** MySQL, MongoDB Database.

**Version Control:** Git/GitHub.

## Work Experience

### Samsung Data Systems India

July 2023 – Present

*Software Development Engineer I — Frontend Developer*

Gurugram, India

- Designed and maintained a responsive Employee Management System (EMS) using React.js, Redux Toolkit, Tailwind CSS, and React Hook Form.
- Developed modular CRUD (Create, Read, Update, Delete) interfaces for employee records, improving usability for HR teams.
- Optimized API interactions and state handling, resulting in a 30% reduction in load times and better frontend performance.
- Integrated RESTful APIs to enable seamless frontend-backend communication across multiple endpoints.
- Built scalable, reusable UI components with responsive design for mobile and desktop browsers using Tailwind CSS.
- Implemented performance improvements using React.memo and lazy loading techniques to reduce re-renders.
- Handled edge-case validation and error handling to ensure a stable user experience and prevent application crashes.
- Contributed to code reviews, sprint planning, and Git-based version control in an Agile development environment.

### Samsung SDS — Brity Drive Project

May 2022 – June 2023

*Software Development Engineer I — Desktop Application Developer (C#)*

Gurugram, India

- Contributed to Brity Drive, a cloud-based file storage system similar to Google Drive with virtual drive sync (NKD) using Dokan Library (`dokan1.dll`).
- Resolved backup file creation issues with UltraEdit (.bak files) in local virtual drive, improving data reliability.
- Fixed layout bugs and display inconsistencies in the login screen, enhancing UI/UX across screen resolutions.
- Resolved file permission conflicts with Microsoft Office files to support reliable file open/save workflows.
- Debugged and enhanced backend synchronization methods in C# to address file syncing inconsistencies between desktop and cloud.
- Involved in feature development, module testing, and database integration for robust Windows desktop applications.

## Education

### Indian Institute of Information Technology Nagpur

Nagpur, India

*Bachelor of Technology in Computer Science and Engineering*

Aug. 2018 – May 2022

## Projects

**SoloPost Website** | React.js, Redux, Html, Tailwind CSS, react-hook-form, Appwrite

January 2025

- Built a solo blogging platform with secure authentication, image uploads, blog creation, editing, and management features. Integrated Appwrite for authentication, database, and storage services. Implemented form handling and validation using react-hook-form, and state management with Redux Toolkit. Designed a fully responsive UI using Tailwind CSS, focusing on optimized performance, clean structure, and a seamless user experience.

**Incredible India Website** | Html, CSS, Javascript

October 2024

- Developed a read only Website with the aim To Explore India like Places, things etc. Implemented Using HTML, CSS, Javascript with Deployment via Github Webpages.

## Awards & Achievements

**Codechef** | Codechef December Long Challenge

World Rank 114

- 4 Star at CodeChef with rating 1826(max).

**HackerRank**

November 2020

- 5 Star at CPP and 4 Star at Problem Solving.