

# SHASHWAT TANDON

Dehradun | +91 9693602687 | shashwatandon@gmail.com | Portfolio | Github | LinkedIn | Gfg

## Education

### DIT University

Bachelor of Technology in Computer Science and Engineering  
CGPA:8.20(Ongoing)

Dehradun, India  
Aug 2022 - Present

### Oxford Public School, Ranchi

Senior Secondary Graduate  
Percentage:85.4%

Ranchi, India  
Mar 2019 - Jul 2021

## Work Experience

**Web Development Intern** | Next.js, PostgreSQL, GitHub Actions, Git, JWT

**Soundspire** – Remote

**Feb 2025 – Present**

- Developed **authentication system** (Sign In/Sign Up) in a **Next.js** app using **PostgreSQL**, securing sessions via access tokens and cookies.
- Collaborated in a **fast-paced startup environment** using **GitHub** for source control, code reviews, and feature management.
- Set up **CI workflows** with **GitHub Actions** to automate testing and ensure code quality across branches.
- Strengthened full-stack development skills while contributing to real product features in an agile, collaborative team.

## Skills

**Programming Language:** Java, Python(Basic), C, JavaScript

**Web Development:** HTML5, CSS3, JavaScript(ES6), Tailwind CSS, SQL, React.js, Node.js, Next.js, REST APIs, MongoDB, MySQL, PostgreSQL

**DevOps & Cloud:** Docker(multi-stage builds, image optimisation), AWS(IAM, EC2, S3, CloudFront), CI/CD Pipeline, VM Hosting, Render, Linux

**Developer Tools:** Visual Studio Code, Git & GitHub, Canva, Figma, Eclipse, Postman, Google Cloud Platform, Firebase

**Relevant Coursework:** Google Generative AI, Data Structures and Algorithms, Object-Oriented Programming, Basic Networking Principles, Linux, Java

**Languages:** Hindi, English

## Projects

**Real-Time Chat Application:** React.js, Vite, WebSocket, Jwt, Docker, MongoDB

[Live Link](#) | [GitHub](#)

- Built a MERN-based real-time chat app with WebSockets (Socket.IO) and JWT authentication.
- Designed a 3-tier architecture and wrote Dockerfiles and a Docker Compose setup to containerise the frontend, backend, and database.
- Achieved sub-200ms response times and 99% uptime with a scalable backend.
- Developed a responsive React frontend with Redux for seamless UX.

**Rock Paper Scissors:** HTML, CSS, JavaScript, Netlify

[Live Link](#) | [GitHub](#)

- Developed a web-based Rock Paper Scissors game using HTML, CSS, and vanilla JavaScript, recreating a nostalgic classic.
- Deployed on Netlify for seamless access and fast loading.
- Focused on refining front-end skills and enhancing gameplay mechanics..

**Note Vault (Dockerized):** TypeScript, Zustand, Tailwind, Docker, CI/CD

[Live Link](#) | [GitHub](#)

- Built a TypeScript + React 19 note app with Zustand, Tailwind, and Lucide Icons.
- Reduced Docker image size by 57% using multi-stage builds (346MB to 147MB) and improved build time using Vite.
- CI/CD-ready, deployed on Render with 99.9% uptime.

## Certifications

- OCI AI Foundations Associate
- OCI Foundations Associate
- AWS Educate: Introduction to Cloud 101
- AWS Essentials
- The Algorithm Arena by HackerEarth
- Command Line in Linux
- Basics of Cisco Networking

## Achievements

- Solved **300+** questions on DSA in GeeksForGeeks, LeetCode and HackerRank.
- Ranked **44th**(Improving it daily) in Dit University on GeeksForGeeks.
- Rated **4 Star** on Hacker Rank in Java.