SHUBHRA AWASTHI

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EXPERIENCE

Intern at Brightyfy ↗ — **March 2025 - April 2025**
Role - Web Developer Intern *Gondia, Maharashtra*

- Improved key UI/UX elements on five core webpages, resulting in positive user feedback on the new design and a **20%** increase in click-through rates to product pages.
- Implemented a Gemini-powered chatbot, automating **80%** of routine queries and reducing support workload.
- Reduced website page load times from **4** to under **2** seconds by spearheading the integration of Brotli compression and lazy loading techniques, enhancing user experience.

Intern at Nestlé India ↗ — **April 2025 - June 2025**
Role - System Integration Analyst *Bangalore, Karnataka*

- Launched a new employee management system integrated with Nestle's website, which streamlined role assignments and reduced manual data entry errors by **15%** within the first month.
- Enhanced employee role assignment module utilizing binary search trees and hash tables to optimize data retrieval, reducing average processing time by **600ms** per transaction for **5000+** employees.

PROJECTS

Zenith ↗ | *HTML, Next.js, TypeScript, React, API Integration, TailwindCSS* — **Dec 2024 - Feb 2025**
Role - Front-End Developer & ML Engineer

- Collaborated in a cross-functional team to develop a mental health app integrating features such as an AI chatbot, AI-powered multilingual calling bot, therapist booking, daily journaling, mood tracking, and gamified mental wellness activities.
- Spearheaded front-end development and UI design for the mental health app's landing page, creating a user-friendly interface and improved page load times by 2 seconds, enhancing user engagement **30%**.

Drishti ↗ | *HTML, CSS, TypeScript, Node.js, Express, MongoDB, CI/CD* — **July 2024 - April 2025**
Role - Front-End Developer & ML Engineer

- Developed a user-friendly web application displaying real-time soil data and crop recommendations, enhancing farmer decision-making and potentially improving crop yields by an estimated **15%** annually.
- Built the front-end interface and helped set up CI/CD pipelines to deploy APIs for delivering crop insights using machine learning, delivering actionable crop insights with **95%** accuracy and boosting farm productivity.

EDUCATION

Bachelor in Technology - Computer Science and Engineering — **Sep 2022 – June 2026**
*Vellore Institute of Technology - **CGPA** - **8.67*** *Bhopal, Madhya Pradesh*

Class XII — **May 2022**
*Kendriya Vidyalaya - **CGPA** - **9.4*** *Rajkot, Gujarat*

Class X — **June 2020**
*Saint Paul's School - **CGPA** - **9.1*** *Rajkot, Gujarat*

ACHIEVEMENTS & ACTIVITIES

- Secured **2nd place** at **AceHack 4.0** by engineering an innovative web accessibility solution, surpassing **225+** teams in a 36-hour national-level hackathon, demonstrating rapid development capabilities.
- Earned accolades by achieving **Rank 1** globally on GeeksforGeeks contests; developed innovative solutions that highlighted strong logical reasoning and efficient code implementation techniques.
- Managed logistics for **3** prominent tech workshops during college fests while serving as lead organizer, drawing attendance numbers exceeding previous records by attracting over **15** local sponsors who contributed resources.

ADDITIONAL

- **Programming Languages:** Advanced in C++, Proficient in Python, JavaScript, TypeScript
- **Frameworks & Databases:** React, Flask, Bootstrap, MongoDB, Firebase
- **Tools & DevOps:** VS Code, Git, Jupyter, Docker