Soumil Mukhopadhyay

Mumbai | soumil.m@somaiya.edu | linkedIn.com/in/soumilm30 | github.com/Soumilgit | soumilm.vercel.app

EDUCATION

K.J. Somaiya College of Engineering , Vidyavihar   **Expected Graduation: June 2026**
Bachelors of Technology in Computer Engineering
**Relevant Coursework** : Web Development, Data Structures, Algorithms, Data Science and Analytics, Databases

EXPERIENCE

SWE Intern | 1 Play, _Remote_   **Apr 2025 - May 2025**
- Developed and hosted **7+** frontend pages using **Next.js, React, TailWind** and **TypeScript,** ensuring **100% SEO** and **90+** accessibility scores via Lighthouse
- Collaborated with cross-functional teams to design **4+** responsive sub-sections, improving user engagement across **5+** verticals

SWE Intern | MeshCraft, _Remote_   **Dec 2024 - Apr 2025**
- Built a **5+** page 3D website with **Three.js** & **React** in a **12**-member team, ensuring scores of **100 (Best Practices)** & **90+ SEO** via Lighthouse while logging **100+** hours of work individually
- Built a Marketplace page with **10+ 3D** assets, implementing local storage for filters

SWE Intern | NPCIL, _Mumbai_   **May 2024 - July 2024**

- Designed a **Python** GUI to monitor **10+** system metrics, reducing diagnostic time by **30%** using **PyQt** & **SQLite**
- Presented real-time resource analysis to stakeholders, enhancing system transparency and control while increasing code efficiency by **25%**

PROJECTS

InterviewAI - Mock Interview Platform | Hosted Link | GitHub Repo   **Apr 2025 - May 2025**
- Architected a **5+** page full-stack platform using **Next.js, React, Tailwind, Gemini AI** & **NeonDB**, supporting **50+ job roles** with simulations, **AI-driven** feedback & **Clerk** Auth
- Shipped **Stripe**-integrated workflows with **Docker & Vercel**, enforcing **10+** community standards, **10+** eval parameters, delivering **80%+** AI feedback accuracy in real-time sessions

Missing Person Detection | Hosted Link | GitHub Repo   **Apr 2025 - May 2025**
- Deployed a serverless **AWS** stack(**Lambda/S3/CloudFront/Route 53**) using **Python** and **Amazon Rekognition** for live facial matching(**99.9%** confidence)
- Analyzed **8** facial parameters & **50+** objects, achieving **~1s** response time

Personal Portfolio | GitHub Repo   **Sep 2024 - Mar 2025**
- Attracted **1000+** views & **200+** unique visitors from **5+** countries in **10** days across **10+** browsers
- Optimized performance with **90+** scores across **4** Lighthouse parameters, maintaining a **<50%** bounce rate

SKILLS

 Python, C, C++, TypeScript, JavaScript, PHP, React, Node.js, Express, Flask, Three.js, Next.js, TailWindCSS, MySQL, PostgreSQL, MongoDB, Git, AWS, GCP, Postman, LaTeX, Vim, Vercel

ACHIEVEMENTS

- Earned a **top 3% Finalist** spot at TechGig Code Gladiators 2024 (DSA solutions in C++/Python)
- Reached **Diamond** League status in **Google Cloud** Arcade '24 (**25+** badges, **15+** Arcade points)
- Finished in **1st** place in **Tech Hunt** KJSCE 2023 (led team of **4** against **8+** teams)