Souvik Mukherjee

Kolkata, India | mukherjeesouvik606@gmail.com | +91-8617319150 | Linked In | Github Profile

Computer Science undergrad with hands-on experience in full-stack web development.
Proven track record of building web/mobile apps, internal tools, and language interpreters.

Skills

- **Languages:** Python, JavaScript; Familiar with TypeScript, C, C++, Java
- **Frameworks/Libraries:** Node.js, React.js, Next.js, Tailwind CSS, React Native, OpenCV
- **Tools:** Git, GitHub, VS Code
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Others:** HTML, CSS

Education

- **BTech in Computer Science** — CGPA: 9.67/10
  Calcutta University
  Department of Computer Science — 2022–2026
- **Class 12 (CBSE)** — 95.33
  Green Point Academy
- **Class 10 (CBSE)** — 97.4
  Green Point Academy

Projects

- **Cravyn — A Food Ordering System (Course Project)** — Check here
  - **Tech Stack:** Next.js, Node.js, Tailwind CSS, Kotlin, JetPack Compose; DB: PostgreSQL (Neon)
  - Web interfaces for: restaurant owners, management, and business teams
  - Android app for customers
  - **My Role:** Designed database making ER diagrams and following normalization principles and frontend for all teams

- **Synergin — A Professional Networking Interface (Self Project)** — Check here
  - **Tech Stack:** React.js, Node.js, Express.js, Tailwind CSS; DB: MongoDB
  - Connect via recommendations or shared profile links
  - Shows 4 random unconnected users on home load
  - Users can post, comment, like, and update profiles

- **ByteMe — A Storage Management Solution (Self Project)** — Check here
  - **Tech Stack:** Next.js, Appwrite, Tailwind CSS
  - Upload, rename, delete, share files (registered users)
  - Files categorized as images, documents, media, and others
  - Max 200MB storage per user

- **SARDS — A Toy Interpreted Language (Ongoing Group Project)** — Check here
  - **Tech Stack:** Python (interpreter), Web (editor in progress)
  - **My Role:** Tokenizer, parsers, interpreter for expressions, control statements, loops, functions (built-in and user-defined), string/list types
  - **To Do:** Web-based editor and documentation

Hobbies & Achievements

- Qualified JEE Mains and JEE Advanced in 2022
- Cracked GATE CS with AIR 199 in 2025
- Solved 200+ DSA problems across LeetCode and GeeksForGeeks
- Hobbies: Painting, Writing Poems