

Farhan Ali Mirza

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EDUCATION

- University of Engineering and Management** Kolkata, India
Bachelor of Technology - Computer Science and Engineering; GPA: 8.80 July 2021 - August 2025
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases, Compiler Design
- St. Thomas' Boys' School** Kolkata, India
Class XII (ISC) - Computer Science; Marks Obtained :79.2% 2020-2021
Subjects: English, Mathematics, Physics, Chemistry, Computer Science
St. Augustine's Day School Kolkata, India
Class X (ICSE) - Science; Marks Obtained :78.3% 2018-2019
Subjects: English, Hindi, History & Civics, Geography, Mathematics, Science, Computer Applications

SKILLS SUMMARY

- Languages:** Python, JavaScript, C, JAVA, Kotlin.
- Frameworks:** NodeJS, ExpressJS, ReactJS, NextJS
- Tools:** GIT, VSCode, GitHub, Postman, noSQL, SQL.
- Technical Skills:** Figma, Photoshop, Microsoft Office.
- Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management.

EXPERIENCE

- Intern Tech Community Manager at Xade** Kolkata, India
Community Interaction, Event Organization, SEO. July - Oct 2023
Spearheaded the growth and engagement of a vibrant web3 community. I curated educational content, organized diverse events like meetups, and fostered collaboration through online forums. Optimized website content, meta tags, and architecture to improve search engine visibility and organic traffic. Throughout, I advocated for the community's interests, addressing concerns and representing their needs to stakeholders effectively. [Certificate](#), [LOR](#).

PROJECTS

- Classic Games - (DSA, OOP, GUI):** Recreated classic games (Snake Game, Pong Game, and Turtle Crossing Game) using Python, demonstrating proficiency in data structures and algorithms (DSA), object-oriented programming (OOP), and graphical user interfaces (GUI). Leveraged Python's Turtle graphics library to develop interactive and visually appealing games. Implemented game logic, collision detection, scoring systems, and intuitive controls, showcasing skills in OOP and event handling. Technologies used: Python Turtle Library. Link: [GitHub](#),
- Money Tracker - (Web Development, Database Management, Authentication):** Developed a comprehensive app to track daily transactions, providing users with an overview of their overall expenses and loan tracking. Leveraged Next.js as the JavaScript framework to build the application, enhancing my skills in full-stack development. Utilized Firebase for robust and scalable database management, enabling real-time data synchronization. Integrated Clerk for secure and easy authentication and user management, ensuring a seamless user experience. Designed intuitive user interfaces using ChakraUI and smooth navigation, improving usability and user engagement. Technologies used: NextJS, FireBase, Clerk. Links: [GitHub](#), [Demo](#).

CERTIFICATIONS

- Python:** Zero to Hero Bootcamp by Jose Portilla, Pierian Training on Udemy. [Certificate](#).
- Version Control by Meta:** Course on version control systems such as git by Meta on Coursera. [Certificate](#).
- Body Language by IIT Roorkee:** A comprehensive course wherein I learned the essential skills to master the art of non-verbal communication. Offered by the esteemed Indian Institute of Technology Roorkee. [Certificate](#).
- Enhancing Soft Skills and Personality by IIT Kanpur:** A course on various aspects of personality development, including self-awareness, goal-setting, time management, and stress management. Offered by the esteemed Indian Institute of Technology Kanpur. [Certificate](#).

ORGANIZER EXPERIENCE

- Organizer at Diversion'24** Kolkata, India
Organized India's Firt AI Powered Hackathon with over 400 participants. [Certificate](#) Sept 2023 - Feb 2024
- Organizer and Developer at Ureckathon** Kolkata, India
Lead development team, organized hackathon with over 100 participants, organised workshops. Feb 2024 - Present
- Co-lead for Web Development at Ecstasia'24** Kolkata, India
Co-led a team of 10 developers in creating a full-stack theme based website. [Certificate](#) Dec 2023 - Mar 2024

VOLUNTEER EXPERIENCE

- **Graphic Designer at Robo Mellontikos** Kolkata, India
Created design for weekly scoop post, and posters for multiple events. *Aug 2022 - Present*
- **Graphic Designer at Google Developer Student Club, UEMK** Kolkata, India
Created graphics for posts and events. *Aug 2022 - July 2023*