



JISHNU GHOSH

B.Tech
in Computer Science Engineering
Sister Nivedita University, Kolkata

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Github
LinkedIn
portfolio

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Sister Nivedita University Kolkata	8.82 (Current)	2021-2025
Senior Secondary	WBBHSE Board	80.0%	2021
Secondary	WBBSE Board	78.0%	2019

EXPERIENCE

- **Aeonix Research and Innovations LLP** Aug. 2023 - Oct. 2023
Full Stack Developer Kolkata, India
 - Developed a responsive frontend using React.js, resulting in a 30% increase in user retention and a 35% decrease in bounce rates.
 - Collaborated with diverse teams to collect requirements and deliver efficient software solutions, enhancing project results and aligning with stakeholder expectations.
- **Insitu Agritech Pvt. Ltd.** July. 2024 - ongoing
Full Stack Developer Remote
 - Collaborate with the development team to design and implement web applications using Next.js and ReactJS. Utilize MongoDB and Firebase to efficiently store and manage data for the platform.
 - Optimized backend infrastructure with Node.js and Express.js, which reduced server response time by 35% and improved the system's capacity to handle three times more concurrent users.

PROJECTS

- **AI Marketplace** 2024 - Ongoing
Personal project, Kolkata GitHub
 - Created a decentralized platform for trading AI models and services using React.js and Node.js.
 - Facilitated secure transactions and incorporated machine learning features to enhance user interactions.
- **Next.js AI-Powered-Mock-Interview-Platform** July 2024
Personal project, Kolkata GitHub
 - A full-stack AI mock interview app using Next.js and React for the frontend, Drizzle ORM for the backend, and Gemini AI for intelligent interactions. Clerk handles authentication..
- **Digital NFT Exchange** Spring 2023
Personal project GitHub
 - Constructed a decentralized marketplace for minting, buying, and selling NFTs, increasing accessibility for artists.
 - Implemented blockchain technology to guarantee the security and authenticity of digital assets.

SKILLS

- **Development:** HTML, CSS, JavaScript, React.js, Next.js, Node.js, Express.js, MongoDB
- **Tools and Frameworks:** Jira, Git, GraphQL, Docker, AWS, Heroku
- **Programming Languages:** Java, Python, C, C++

CERTIFICATIONS

- **Machine Learning and Data Science:** Acquired skills in machine learning algorithms, model evaluation techniques, and data analysis using Scikit-learn and TensorFlow.
- **Computer Architecture:** Gained insights into computer organization, instruction sets, and hardware design principles, enhancing understanding of software and hardware interaction.
- **MERN Stack Development:** Built full-stack web applications with MongoDB, Express.js, React.js, and Node.js, emphasizing responsive design and RESTful API development.

POSITIONS OF RESPONSIBILITY

- **PR Team Member**, Newton Coding School, SNU 2022 - 2023
- **Core Team Member**, Skepsis Tech Community, SNU 2022 - 2023
- **Volunteer**, Regional Meet - Institution's Innovation Council, MoE's Innovation Cell 2023

ACHIEVEMENTS

- **Winner**, Tezos India Track, Hack4Bengal 2.0 2022
- **3rd Prize**, Intel One API Hackathon, SNU 2022
- **2nd Place**, Synapse Hackathon 2023
- **2nd Place**, Techhack 2023