JISHNU GHOSH

Bachelor of Technology
in Computer Science Engineering
Sister Nivedita University, Kolkata

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Github
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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

- **Full Stack Developer Intern** *Aug. 2023 - Oct. 2023*
  Aeonix Research and Innovations LLP 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 cross-functional teams to gather and analyze 50+ requirements, delivering software solutions that enhanced project results by improving deployment speed by 40percent and increasing stakeholder satisfaction scores by 25percent

- **Full Stack Developer Intern** *July. 2024 - Sept. 2024*
  Insitu Agritech Pvt. Ltd Remote
  - Spearheaded the design and implementation of web applications using Next.js and ReactJS, resulting in a 40percent improvement in load times and enhancing user satisfaction based on feedback from 200+ users.
  - 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

- **Decentralized Supply Chain Management System** *January 2025 - Present*
  Personal Project, Kolkata GitHub
  - Engineered a robust and decentralized supply chain solution using **Golang**, **Solidity**, and **blockchain technology** to streamline operations and ensure end-to-end transparency.
  - Developed and deployed **smart contracts** on Ethereum to enable secure, tamper-proof tracking of assets and transactions.
  - Implemented blockchain-based **logistics and asset tracking** to revolutionize traditional supply chain management.
  - Ensured system reliability with **scalable architecture** and applied best practices in **security**, including encrypted transactions and access control.

- **Next.js AI-Powered Mock Interview Platform** *July 2024*
  Personal Project, Kolkata GitHub
  - Developed a full-stack **AI-driven** mock interview platform using **Next.js**, **React.js**, and **Drizzle ORM**.
  - Integrated **Gemini AI** for real-time question generation and feedback, improving user interaction.
  - Designed an intuitive UI with **Tailwind CSS**, ensuring seamless navigation and responsiveness.
  - Built a **scalable backend** with Node.js and PostgreSQL, optimizing performance and data handling.

SKILLS

- **Development**: HTML, CSS, JavaScript, React.js, Next.js, Node.js, Express.js, MongoDB, MySQL, Golang , java
- **Tools and Frameworks**: Jira , Git , GraphQL , Docker, AWS, Heroku , Kubernetes , Postman
- **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.
- **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 School Coding, 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*