Samiran Biswas

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EDUCATION

Indian Institute of Technology (IIT), Patna,   Dec 2024 – Dec 2026
Master of Technology in Computer Science and Engineering
Coursework: Data Structure and Algorithms, Operating Systems, Computer Networks, Database Management Systems, Object Oriented Programming

PROFESSIONAL EXPERIENCE

Dinajpur Nidhi Limited, *Full Stack Developer*   Feb 2023 – 2025 | Siliguri, India
Capitorums | React.js,Node.js, MongoDB
- Developed a **Loan Management System** for **DNL**, automating loan sanctioning and EMI tracking.
- Built **employee role management** and performance tracking, enhancing workflow and efficiency.
- Deployed a **scalable system** handling **300+ daily users**, reducing turnaround time significantly.

Loan Origination System (LOS) | React.js, Node.js, MongoDB
- Built a **Bayes' Theorem engine** to predict loan eligibility, reducing manual review efforts.
- Developed an **AI chatbot** that interacts dynamically, collects inputs, and enhances loan applications.
- Created APIs for LMS to **automate loan** processing and enable secure eSign verification.
- Built an **agreement editor** to create reusable templates, reducing paperwork and securing agreements.
- Onboarded Jindal Capital, initially enabling smooth loan processing for **20,000+ users**.
- Integrated **PAN, CIBIL, Bank Analysis, and Aadhaar eSign** APIs for smooth financial workflows.
- Implemented **Payment Gateway Integration**, ensuring secure and seamless transactions for users.
- Developed a **PDF Compressor** using Ghostscript to reduce file sizes while maintaining quality.

College of Agricultural Engineering (RPCAU),   Dec 2022 – Jul 2023 | Pusa, India
Full Stack Developer Intern
Tractor Maintenance Web App | WordPress, Javascript, HTML, Android Studio, MySQL
- Built a **Tractor Maintenance Web App with Area Measurement** to streamline tracking and servicing.
- Implemented the feature, helping the project secure **₹27K university funding** for development.

SKILLS

Frontend: HTML5, CSS3, JavaScript, Typescript, React.js, Redux ,RTK

Backend:Node.js, Express.js, RESTful APIs

Databases: MongoDB

Programming Languages: JavaScript

Tools: Git, GitHub, Postman

Soft Skills: Leadership, Problem-Solving, Decision-Making

INTERESTS

JavaScript Developer, React JS Developer, Frontend Developer,Full Stack Developer

LANGUAGES

English, Hindi, Bengali