

Soumen Lohar

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EDUCATION

Brainware University

Bachelor of Technology in Computer Science Engineer (CGPA - 8.53)

Barasat, kolkata

july 2020 – Aug. 2024

Chandrakona jirat High School

Higher Secondary in Science

Paschim medinipur, West bengal

May 2018 – June 2020

EXPERIENCE

Undergraduate Research Assistant

June 2020 – sep 2020

- Developed a REST API using to store data from learning management systems
- Developed a full-stack web application using React
- Explored ways to visualize GitHub

Artificial Intelligence Research Assistant

May 2023 – July 2023

- Developed a game in Java
- Contributed 5K+ lines of code to an established codebase via Git

PROJECTS

Library Management System | *Php, MySQL, Javascript ,CSS*

June 2023- July 2023

- Developed Library Management System using PHP for backend logic, resulting in a 30% improvement in data processing efficiency.
- Leading to a 25% increase in user satisfaction due to enhanced UI/UX.
- Integrated MySQL for database management, optimizing queries to reduce data retrieval times by 40%.

AI image generator | *OpenAPI DALL-E, React.js, Express.js, Node.js*

May 2024 – june 2024

- Optimized React JS,improved image generation speed by 40%.
- Integrated OpenAI DALL-E API, enhanced overall funtionality by 35%.
- AI image generator turns text into visual content.
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

TECHNICAL SKILLS

Languages: Java, C, MySQL , JavaScript, HTML/CSS,

Frameworks: React.js

Backend: Express.js, Node.js

Developer Tools: GitHub, VS Code