

SUBROTO SAHA

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TECHNICAL SKILLS

Programming Languages: Python, C Sharp, JavaScript (Js), TypeScript (Ts), Rust, Go, SQL, Java, C++, etc.

Frameworks: React, Express JS, Next JS, Nuxt.js, Vue JS, etc.

Tools: Docker, Kubernetes, vite, Git, Node JS, etc.

Platforms: AWS, Azure, Digital Ocean, Heroku, Firebase, NeonDb, etc.

PROFESSIONAL EXPERIENCE

Bangladesh Education and Research Institute (BERI)

January 2024 – March 2025

Senior Software Engineer (Project Lead)

Banani Road 23, Dhaka

- Leading distinct Full-Stack, Front-end, UX, and App development teams with expertise in software development, software architecture database design, and Dev-Ops.

Bangladesh Education and Research Institute (BERI)

October 2022 – December 2023

Software Engineer

Banani Road 23, Dhaka

- Specialized in Full-Stack development, software architecture, database design, team management, Dev-Ops

PROJECTS

 **HYPEX** | Xcart, PHP, MySQL, Vue.js, LazySizes, jQuery UI, jQuery, Bootstrap, etc., etc.

BERI

- Maintained the hypex website using CSS,JS and Template Modification, focusing on responsive design, and consistent UI/UX.
- Managed and updated detailed product listings, optimizing content with SEO strategies to enhance visibility and search engine rankings.
- Collaborated cross-functionally to improve website performance, resulting in faster load times and increased user engagement.

 **Beri** | Wordpress, PHP, MySQL, Apache, etc.

Beri

- Bangladesh Education and Research Institute (BERI) is a center of education and research excellence supported by advanced knowledge of information technology. It brings affordable, high-quality education opportunities to Bangladesh and is a leading offshore enterprise product and software development initiative.

 **Orbit Middle East** | React, Git, Docker, Java Spring Boot, MySQL, AWS, etc.

BERI

- An integrated platform for Manage Multiple organizations and evaluate KPI Factors like Measure, Perspective, Objective, and Initiative.
- This platform is designed to streamline operations, enhance productivity, and provide valuable insights for organizations in the Middle East.
- Based on that some Visualization like briefing, chart, report, dashboard and strategy map Generated.
- On report section Structure Data Report, Annual Data Report, By Calendar Data Report, Scorecard Attributes Data Report, etc.

 **Taskroto** | Git, Next.js, PostgreSQL, Docker, Express.js, Node.js, etc.

Own

- These tools help individuals and teams organize, prioritize, and track tasks to ensure timely completion. They often include features like task lists, progress tracking, collaboration tools, and deadline management.

 **Skythr** | Git, React, PostgreSQL, Docker, etc.

Own

- This weather application likely provides users with up-to-date meteorological information for various locations. It would typically offer details such as current temperature, humidity, wind speed, precipitation chances, and forecasts for the coming hours or days.

 **Subroto Saha Portfolio** | Git, React, PostgreSQL, Docker, etc.

Own

- This portfolio website showcases the work and skills of Subroto Saha, a software engineer. It likely includes information about his projects, experience, and contact details, serving as a digital resume and professional showcase.

AI CHATBOT | Git, Linux, Docker, Python, AWS, Vue.js, Jira, etc., etc.

Own

- A chat bot Made with Python that is based on natural language can interact with humans to replay some trained questions.

RASAJIS | Git, Linux, Docker, Express.js, Node.js, etc., etc.

Own

- The Rasa Node.js API enables integration of Rasa chatbots or voice assistants into Node.js applications via HTTP requests, allowing you to send messages, receive responses, and track conversation history.

RASALOG | *Git, Linux, Docker, Express.js, Node.js, mongoDB, etc., etc.*

Own

- A log system for Rasa chat records captures and stores details of user interactions with the Rasa chatbot, including message texts, timestamps, user or session IDs, and relevant contextual information.

EDUCATION

American International University - Bangladesh (AIUB)

2022 - 2022

Master of Science in Computer Science (MSc in CSE)

Dhaka, Bangladesh

American International University - Bangladesh (AIUB)

2015 - 2018

Bachelor of Science in Computer Science (BSc in CSE)

Dhaka, Bangladesh

Lions School and College Saidpur (LSCS)

2002 - 2014

Secondary School Certificate (SSC), Higher Secondary School Certificate (HSC)

Nilphamary, Bangladesh