

# 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)

Senior Software Engineer (Project Lead)

January 2024 – March 2025

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)

Software Engineer

October 2022 – December 2023

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.

### ⌚ RASAJS | 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

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**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