



# Baishakhi Ganguli

## Software Engineer

I am an experienced software developer with 1.8 years of industry experience, having worked for a cyber security startup on various initiatives. I have a strong command of front-end technologies and am actively expanding my knowledge of back-end technologies. My goal is to make a lasting impact in the software industry and I approach my work with enthusiasm, dedication, and a strong analytical mindset. I am highly motivated to learn new technologies and consistently deliver high-quality results.

## Contact

### Phone

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### Email

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## Education

### Bachelor of Arts

Calcutta University

### Master of Arts

Kalyani University

## Certification

### Web developer certification

INCO Academy Australia

### Get into tech certification

INCO Academy Australia

## Expertise

- **Programming Languages:** JavaScript, C++
- **Front-end Development:** HTML5, CSS3, React, Tailwind CSS, Wordpress
- **Back end:** Node.js, MySQL
- **User Interface (UI) Design:** Figma, Wireframing, Prototyping
- **Version Control:** Git
- **Microcontroller Development:** Arduino, ESP32, tft-espi library
- **Agile Development:** Collaborative problem-solving, Troubleshooting
- **Web Development Best Practices:** Modular Design, Security, Maintainability
- **Problem-Solving:** Analytical thinking, Debugging, Issue resolution
- **Adaptability:** Quick learner

## My Portfolio

<https://www.baishakhiportfolio.com>

## Experience

### 2021 October-Present

Cipherise pty Ltd

### Software Engineer

#### Responsibilities:

- Designed and developed front-end applications, including the company website, to deliver modular, secure, and well-tested web pages using HTML5, CSS3, Wordpress, and JavaScript.
- Built and maintained a comprehensive regression test suite for the in-house authentication product named Cipherise, utilizing Node.js to ensure web page quality and reliability.
- Employed the Arduino platform and C++ programming language to render graphics and images on an ESP32 microcontroller device using the tft-espi library.
- Utilized Tailwind CSS to style and design an in-house project, adhering to design specifications and enhancing the user experience.
- Collaborated with project managers and developers to troubleshoot and resolve technical issues encountered during the development process.
- Designed the user experience of a website using Figma, ensuring it met the needs and expectations of users.
- Implemented version control practices using Git, sending code for review or approval, and ensuring a maintainable codebase.
- Built UI demos in React for multiple proposals, effectively showcasing the functionality and potential of proposed projects.

#### Accomplishments:

- Successfully redesigned the company's internal website using React components, creating a highly functional and responsive platform that enhanced productivity for employees.
- Developed a robust web application for the company's public website, incorporating modular and secure design principles.
- Created and maintained an extensive regression test suite for Cipherise, resulting in improved product quality and reliability.
- Leveraged the Arduino platform to implement visually appealing graphics and images on an ESP32 microcontroller device, enhancing user interaction.
- Collaborated closely with project managers and developers, contributing to efficient troubleshooting and resolution of technical challenges.
- Built UI demos in React for multiple proposals, effectively presenting the proposed projects to stakeholders and assisting in securing new business opportunities.

## Reference

### Tony Smales

CTO, Cipherise

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### Muhammad Hamid

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