

# Tamal Barman

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## PROJECTS

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### The Northbengal Buzz (Travel Website) | JavaScript, HTML, CSS.

- Executed the end-to-end development of a travel website, achieving a 30% increase in mobile traffic through responsive design.
- Enhanced user engagement with interactive features, such as photo sliders and booking forms, leading to a 25% increase in user interaction.

### Med Detectives (Healthcare ML System) | Anaconda, NumPy, Seaborn, Pandas.

- Spearheaded the development of a machine learning system for remote disease prediction, attaining a 60% accuracy rate.
- Managed a diverse range of machine learning algorithms, resulting in a 15% reduction in false positives and increased system reliability.

## EDUCATION

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### Narula Institute of Technology

July 2021 - June 2024

B.Tech Information Technology CGPA - 8.53

Kolkata, India

### Elite Institute of Engineering and Management

July 2017 - June 2020

Diploma Mechanical Engineering CGPA - 7.8

Kolkata, India

## TECHNICAL SKILLS

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**Languages:** Java, C, C++, Python, JavaScript, HTML, CSS.

**Coursework:** OOPS, DBMS, Data Structures and Algorithms, Computer Networks.

**Tools/Platforms:** Bootstrap, Git, GitHub, Eclipse, VS Code, Adobe XD, XAMPP.

**Databases:** MySQL, MongoDB.

## CERTIFICATES

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### Foundations of Cybersecurity | Coursera, July 2023

- Acquired knowledge in Information Security (INFOSEC), Cybersecurity, Historical Attacks, and the NIST Cybersecurity Framework (CSF)

### Full Stack Web Development | Euphoria GenX, June 2022

- Gained expertise in HTML, CSS, JavaScript, XAMP, Node JS, and PHP

### Introduction to the Internet of Things and Embedded Systems | Coursera, April 2022

- Explored Internet of Things (IoT), Microcontroller, and Embedded System Design.