

TATHAGATA MISHRA

WEB DEVELOPER

EXPERIENCE

- **FunctionUp**, [↔](#) Backend Developer Trainee
September 2022 – Present
 - Trained & worked in Backend Development using **NodeJS** with **Express** and **MongoDB** learned & implemented basics of **React** & Created 10+ backend projects.
 - Actively engaged in making bug-free code, handling errors in projects.
 - Implement **Redis**, and **AWS S3** on backend projects along with **JWT** & **BCrypt**.
 - Learned different **Data Structures** and **Algorithms** & worked on code optimization.
 - Provided adequate training to junior trainees at **FunctionUp** as **TA** (Teaching Assistant)
 - Awarded “**Best Project of the Week**” trophy by **FunctionUp** for my “**Potato PC**” [↔](#) project.
- **IntelliPaat**, [↔](#) CCE – IIT Madras – Advanced Certification in DS and AI
July 2022 – Present
 - Learned the basics of AI & DS along with Python 3, NumPy & SQL
- **WEBEL**, [↔](#) Diploma in Software Application
2019 – 2020
 - Worked in MS Office, Visual Basic, C & C++, HTML, CSS, JavaScript

PROJECTS

- Back-End Projects
 1. **Shopping Cart** [↔](#) → The shopping cart backend project allows users to add products to their shopping cart, update the quantity of products in their cart, and remove products from their cart. The API endpoints are secured using JWT authentication, which ensures that only authorized users can access the cart functionality. Technology used - NodeJS, Express, MongoDB, AWS, JWT, BCrypt
 2. **URL Shortener** [↔](#) → Created the backend of a URL shortening website, such as Bitly [↔](#) or TinyURL [↔](#). Build with NodeJS, Express & Redis. The API takes a long URL as input and returns a short URL that redirects to the original long URL. The project uses Redis caching to store the mappings between the short and long URLs, enabling faster retrieval of short URLs.
- MERN Projects
 1. **Anonymous Chat Room** [↔](#) → The anonymous chat room project is a real-time chat application that provides users to chat with each other. It uses React and Node.js to provide a fast and efficient chat experience and Socket.IO for real-time communication between users. MongoDB is used to store chat messages and user data. And user can delete their data if they want.
 2. **Social Media** [↔](#) → The social media platform project provides an interface for users to upload photos and view photos uploaded by other users. Users can send friend requests to other users and accept or reject friend requests from other users. The project also provides a real-time chat feature that enables users to chat with friends.
- Front-End Projects
 1. **Mishraji** [↔](#) → This is my personal portfolio, deployed on Netlify. Created using basic HTML & CSS. Mostly used HTML table to create the webpage layout.
 2. **Planet** [↔](#) → Created a 3d website using ThreeJS & WebGL such as NASA's Eyes [↔](#). User can interact & freely move around space in this mobile responsive site.
 3. **Potato PC** [↔](#) → Created this project with HTML, CSS, and JS. No jpg, png, or svg was used to create the computer. Users can interact with buttons to play videos.



placements@functionup.org



LinkedIn



Sketchfab



GitHub



YouTube

EXPERTISE

- JavaScript
- Node JS
- Express
- MongoDB
- REST APIs
- Git
- Redis
- AWS S3
- Data Structures & Algorithms
- HTML
- CSS
- Three JS [↔](#)
- React Basics
- Python Basics
- Unity Basics [↔](#)

SKILLS

- I am a great communicator, which allows me to collaborate effectively with my team members and clients.
- Excellent time management ability to prioritize tasks and manage multiple projects simultaneously.
- I'm Adaptable and Flexible
- Open and Welcoming to Feedback
- I'm easy to work with no attitude, humble, polite, and professional.

EDUCATION

- ◆ Bachelor of Computer Applications
Manipal University Jaipur [↔](#)
2022 – Present (2025 expected)
- ◆ Bachelor of Medical Laboratory
Technology
Vidyasagar University [↔](#)
2018 – 2021
- ◆ Higher Secondary - Science
Contai High School
W.B.C.H.S.E. [↔](#)
2017 - 2018

INTERESTS

- Shorin Ryu Shubukan, Okinawa [↔](#)
 - Karate 2nd Kyu (Brown Belt)
2023