

PRARTHANESH BHARTI

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🐙 [Github](#)

👤 [Portfolio](#)

EDUCATION

National Institute of Technology Patna

B.tech - Electrical Engineering

2021 – Present

CPI - 7.0 (upto 6th Sem)

St. John's Academy

Intermediate(CBSE)

2018 – 2020

Percentage - 90.8%

St. John's Academy

Matriculation(CBSE)

2017-2018

Percentage - 93.4%

EXPERIENCE

Finixia Dedacons Pvt. Ltd.

Web Developer Intern

May 2024 - Jul 2024

Guwahati

- Optimized React components to reduce loading times by 1.5 seconds, enhancing user access speed and satisfaction.
- Streamlined workflows to save 3 hours weekly and enhanced platform reliability, raising uptime from 90% and utilized Postman for thorough API testing.
- Collaborated with a team of 4 developers using Git and contributed 5K+ lines of code to an established codebase resulting in a 25% increase in team productivity.

PROJECTS

NextGen Shopping Platform | React, Tailwind CSS, Redux, Cloudinary, Express, MongoDB

🐙 GitHub

- Developed an interactive E-commerce website using **React** and backend using **Express** having with key features, including product uploads, an admin panel, and management for 100+ categories and subcategories.
- Created REST API using Express.js, implementing the **MVC** model which uses **JWT** Token for password recovery, OTP-based email verification, and secure authentication to enhance overall user account safety.
- It uses **Axios** for data fetching and Redux for state management. Additionally, it includes an admin login feature for uploading various products using **Multer** and **Cloudinary** for efficient image handling, reducing processing time by 30%.
- Integrated **Stripe** Payment method for 100% secure payment and **Resend** for email service.

Real-Time Ride-Booking Web App | React, Tailwind CSS, Express, MongoDB, GoogleMap API

🐙 GitHub

- Constructed a fully functional ride-sharing website using **React** for cross-platform mobile development, with a backend powered by **Node.js** and **Express** having a separate user and Captain Interface and data fetching using **Axios**.
- Implemented real-time location tracking and ride requests using **Socket.io**, allowing more than 500 users to see available drivers and track their rides live.
- Integrated **Google Maps API** for accurate location services, route optimization and useful suggestion resulting in a 20% reduction in user search time enhancing the user interface and experience.

End-to-End Airfare Estimator | React, TailwindCSS, Flask, Linear Regression, Scikit-Learn

🐙 GitHub

- Programmed a Flight Price Prediction website predicts flight ticket prices based on various input features, such as origin, destination, date, and airline with a user interface developed in **ReactJS** and styled with **Tailwind CSS**.
- It utilizes **Linear Regression** model for training dataset using scikit-learn.
- API built with **Flask** to serve predictions from the trained model with a model accuracy of **90%**.

SKILLS & INTERESTS

Languages: C++, Javascript, Python, HTML, CSS

Developer Tools: Postman, Github, Docker, Github Actions, CI/CD

Libraries & Frameworks: Tailwind CSS, React.js, Redux, Node.js, Express.js, Flask

Databases: MongoDB, MySQL

Soft Skills: Communication, TeamWork, Leadership

Areas of Interest: Web Development, Machine Learning, DSA, DBMS, OS, OOPS

ACHIEVEMENTS

- Mastered over 600+ Data Structures and Algorithms (DSA) Problems across various renowned platforms.
- Participated in ByteVerse Hackathon 2024, a 36-hour event organized by HackSlash, where our team showcased innovative solutions and technical expertise in a competitive environment with over 1500 participants nationwide.
- Ranked within the top **3.5%** out of **1 million** students who appeared in JEE Main 2021.

EXTRACURRICULAR

- Led a team of 30 as an NSS mentor, guiding activities and ensuring effective program execution
- Event Coordinator** and **Treasurer** of Saptak-Music Club of NIT Patna.