

Pushpakant Behera

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY

May 2023 | Jamshedpur, India

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

Cum. GPA: 8.48/10.00

MODERN INDIAN SCHOOL

June 2018 | Kathmandu, Nepal

CBSE CLASS XII

Percentage: 82.20%

CBSE CLASS X

Cum. GPA: 9.40/10.00

SKILLS

PROGRAMMING

C++ • C • Typescript • NodeJS •
ReactJS • MySQL • Python • BASH

TOOLS / APPLICATIONS

Neovim • Visual Studio Code • Git
• Github

OPERATING SYSTEMS

Arch Linux • UNIX • Windows

MEMBERSHIP

CORE MEMBER OF WEB TEAM

| NATIONAL INSTITUTE

OF TECHNOLOGY

2021 – Present | Jamshedpur,

India

CORE MEMBER OF

PCON | NATIONAL INSTITUTE

OF TECHNOLOGY

2021 – Present | Jamshedpur,

India

COURSEWORK

Compiler Design
Computer Networks
Database Management System
Design and Analysis of Algorithms
Operating System
Software Engineering

EXPERIENCE

NATIONAL INSTITUTE OF TECHNOLOGY | FULL STACK DEVELOPER

March 2021 – Present | Jamshedpur, India

- Design and develop at all layers (**front-end & back-end**) public-facing applications for institute's faculty and students
- Organize and handle bugs and issues reported from users, continuously update software
- Primarily used **NodeJS** on the backend and **ReactJS** on the frontend, and **MySQL** as the database
- **Project Link:** nitjsr.ac.in

PCON MENTORSHIP PROGRAMME | BACKEND DEVELOPER

January 2021 – April 2021 | Jamshedpur, India

- Developed APIs using the **MVC** pattern using **NodeJS** and **ExpressJS**
- Used **JWT** for **authentication** and **authorization** of users
- Designed and wrote queries for the **MySQL** database consumed by the frontend
- **Github Link:** github.com/pcon-code-tribe/Elite-Classroom-Backend

PROJECTS

TYPERACER | ANGULAR, NODEJS, SOCKETIO, DOCKER, MONGODB

- Developed a **multiplayer** typing game with **real-time feedbacks** to user events
- Implemented a **real-time leaderboard** system with metrics such as WPM(Word Per Minute), rank and percentage of words completed
- **Project Link:** typeracer-clone-socket.netlify.app
- **Github Link:** github.com/DYSLEVIUM/Typeracer-Clone

PATH TRACER | C++, MAKE

- Implemented a path tracer from scratch using modern **C++20** features and the standard library
- Made use of **inheritance** and **polymorphism** to reduce duplication of code
- **Github Link:** github.com/DYSLEVIUM/Path-Tracer

ACHIEVEMENTS

2019 1st/25 Autonomous Robotics Competition

INTERESTS

Deep Learning Machine Learning