Pushpakant Behera

🔗 pushpakantbehera.vercel.app | 📞 +91-9348735605 | 📍 Bhubaneswar, India | @ pushpakantebehera@hotmail.com

in pushpakantbehera | ⭘ DYSLEVIUM | </> pushpakant

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
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