

BIKASH SASMAL

Berhampur, Odisha

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Portfolio

LinkedIn

GitHub

Vercel

EDUCATION

National Institute of Science and Technology

Nov 2022-Jun 2024

Master of Computer Application - **CGPA: 8.5**

Berhampur, India

Berhampur University

Jul 2018-Mar 2021

Bachelor of Science - **CGPA: 7.5**

Berhampur, India

Binayak Acharya College

May 2016-May 2018

Intermediate

Berhampur, India

PROJECTS

Myntra Clone | React, Redux Toolkit, and Bootstrap

Jan 2024-Mar 2024

- Implemented Redux Toolkit for efficient state management, **reducing state-related bugs by 30%**.
- Designed a responsive UI that **improved page load times by 25%** and **increased user interaction by 20%**.
- Simplified real-time item addition and removal functionality, **enhancing user engagement by 30%**.

Real-Time Indoor Workout Analysis | Python, MediaPipe, OpenCV

Oct 2023-Mar 2024

- Led the development of a real-time indoor workout analysis system, achieving a **pose detection accuracy of 95%**.
- Provided immediate feedback on exercise form and posture, **enhancing user workout efficiency by 40%**.
- Collaborated with team members to troubleshoot and resolve issues, **improving system reliability by 20%**.

Slot Machine Game | JavaScript

Dec 2023-Dec 2023

- Developed a terminal-based slot machine game using JavaScript, showcasing advanced scripting skills and interactive functionality, leading to a **25% increase in efficiency and refined code quality**.
- Ensured a seamless gaming experience with efficient handling of user input and game logic, **reducing response time by 50%**.

Desktop Voice Assistant | Python

May 2023-Jul 2023

- Modernised voice-activated YouTube and music playback, **resulting in a 30% increase in productivity for users**.
- Enhanced app functionality to include integrated Google search, Wikipedia retrieval, and real-time updates; **enriched user engagement by 40% and reduced user query time by 25%**.
- Implemented user-friendly features such as password change, automated scheduling, news reader, and system shutdown, which **resulted in a 30% increase in app engagement**.

TECHNICAL SKILLS

Languages: Python, Java, C, HTML, CSS, JavaScript, MERN, SQL, OOPs, XML

Developer Tools: VS Code, IntelliJ IDEA Ultimate, PyCharm

Technologies/Frameworks: React.JS, Redux, Node.JS, Express.JS, MongoDB, Bootstrap, Git, GitHub

CERTIFICATIONS

- ReactJS & Redux - Kg Coding
- JavaScript Certification - Kg Coding
- Front-End Development Course - Learn Coding

LANGUAGES

- English - Working Proficiency
- Hindi - Native Proficiency
- Odia - Native Proficiency

HOBBIES AND INTERESTS

- Coding and Programming
- Sports or Team Activities
- Chess or Strategy Games