Keshav Kumar Hembram

B.Tech. | NIT Rourkela

Final Year, Electronics & Communication Engineering

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Education

DEC 2021 - PRESENT
B.TECH., ECE
NIT Rourkela
CGPA: 7.13/10

MAY 2020
INTERMEDIATE
DAV Public School, Sector-IV B S City
Percentage: 86.4%

MAY 2018
MATRICULATION
DAV Public School, Rangamati Sindri
Percentage: 96.4%

Links

Github: **keshavkumarhembram**
Frontend Mentor: **keshavkumarhembram**
LinkedIn: **keshavkumarhembram**

Skills

PROGRAMMING LANGUAGES
C, C++, JavaScript

OTHER PROGRAMMING SKILLS
HTML, CSS, React, Node.js, Express.js,
MongoDB, React Native

TOOLS
Git, GitHub, Postman, VS Code, Android
Studio

OPERATING SYSTEMS
Windows, Linux

Relevant Courses

Data Structures & Algorithm
React.js
Node.js
JavaScript
OOP
DBMS
Computer Networks

Work Experience/Projects

MAY 2024 - JUN 2024 **Summer Internship**   **eWarn System**
Embedded C/C++, Node.js, Flutter

- Created a real-time accident detection system using GPS, IMU sensors and ESP-32. Implemented FreeRTOS for concurrent task management, ensuring efficient data processing and timely alerts.

- Built a Flutter app with a Node.js backend for real-time data and SMS notifications. Enabled rapid alerts to saved numbers upon accident detection.

JAN 2024 **Countries Data Site**   **Personal Project**
React, CSS Modules

- Developed frontend for a comprehensive countries data website, utilizing React and integrating seamlessly with the REST Countries API for up-to-date information on all nations.

- Ensured responsive design for optimal user experience across all device sizes.

Frontend : GitHub | Live Site

OCT 2023 - DEC 2023 **Tour Booking Site**   **Personal Project**
Node.js, Express, MongoDB, Pug, React.js

- Created a user-friendly tour booking website with RESTful API using Node.js and Express.

- Used MongoDB for data storage, Stripe for secure payments, Multer for easy photo uploads, and JWT for authentication.

- Implemented Pug for templates and set up email using Nodemailer.

- Developed a single-page application (SPA) using React.js.

Frontend : GitHub | Live Site
Backend : GitHub | Live Site

Extra Curricular Activities

JUN 2023 - JUL 2023 **Tech Blogging**   **dev.to**
Authored informative blog posts on dev.to detailing mini projects aimed at mastering various concepts in development, fostering continuous learning and skill enhancement.

JUL 2022 - JAN 2023 **HackNITR**   **Organizing Team**
Organized East India's biggest Hackathon as an organizing Team Member which had over 5000 registrations.