Kumar Sunny Suman

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🌐 Portfolio

Education

- **Bachelor of Technology in Computer Science and Engineering** *2020-24*
  National Institute of Science and Technology, Berhampur **CGPA: 8.5**
- **Intermediate in Science and Mathematics** *2017-19*
  Basia Inter College Basia, Gumla **Percentage: 81.4**
- **Matriculation** *2017*
  V. S. V. M. Basia **Percentage: 86.5**

Technical Skills and Interests

Languages: Java, Javascript, C++, Python, Kotlin

Web Dev Tools: HTML, CSS, Bootstrap, Tailwind, Nodejs, Express, Mongoose, VScode, Stripe, Vercel, Git, Github

Frameworks: ReactJs, NextJs, Vite, Spring

Cloud/Databases: MongoDb, Relational Database(mySql), Firebase, AWS

Areas of Interest: Web Design and Development, Android Development and Cloud Security

Relevent Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Computer Networking, Software Engineering

Personal Projects

- **Chitchat App | Tech Stack: Socket.io, Node.js, React.js** *Demo*
  - Designed a highly responsive real-time chat application enabling seamless text-based communication among 100s of remote users via the Internet. Optimized the user interface for improved user experience, resulting in increased user engagement and satisfaction.
  - Implemented robust multi-user functionality, enabling multiple concurrent conversations among numerous individuals within the Chitchat app.
- **Weather App | Tech Stack: ReactJs, API, HTML & CSS** *Demo*
  - Achieved the delivery of real-time weather data with more than 90% accuracy and forecasts for 1000+ locations.
  - Ensuring accuracy and providing users with comprehensive weather details, with an enhanced user experience.
- **Color Picker App | Tech Stack: JavaScript , Tailwind CSS, HTML, API** *Demo*
  - Created an online color analysis tool enabling users to effortlessly extract colors from digital displays or images with an efficiency rate of 98%, resulting in precise HEX and RGB color codes for any selected area within an image
  - Implemented a user-friendly and enhanced interface in the color picker app.
- **Web Based Speech App | Tech Stack: JavaScript, API, Bootstrap** *Demo*
  - A web-based speech app that supports recognition accuracy of 95%.
  - 100% accessibility for people with disabilities and those unable to type, eliminating the need for any text input.
- **ToDo App | Tech Stack: JavaScript, Bootstrap, React, Mongoose, Express, Node.js** *Demo*
  - Developed an web app that effectively prioritizes tasks, enhancing productivity for users.
  - Crafted a robust Todo Web Application that tracks, adds, updates, and deletes task records.

Internship and Certification

- **Programming in Java | NPTEL Online Certification** *View*
- **Web Dev Intern | Acclaim Coding Solutions** *Jan - July 2023*
  - Attained proficiency in front-end frameworks like **React** and **Next.js**. Acquired in-depth knowledge of responsive designing principles. Leading to a 40% increase in **UI responsiveness** and interactivity in **web applications**.
  - Mastered back-end technologies, including **Node.js**, **JWT and passport.js** authentication, and **database management** using **Prisma ORM**, resulting in a 50% reduction in security vulnerabilities and data breaches in web apps.
  - Adopted version control practices with **Git**, resulting in a 25% reduction in code conflicts and merge-related issues.
  - Actively participated in **collaborative development** workflows on platforms like **GitHub** and **Jira**, contributing to a 30% increase in overall team productivity and **code management** efficiency.
  - Demonstrated exceptional **debugging skills**, resulting in a 30% decrease in critical issues and errors in **web development** projects, ultimately enhancing project efficiency and client satisfaction.

Achievements and Co-Curricular Activities

- **Shortlisted in the top 10** in IDEATHON organized by GoogleCloudReadyFacilitator. *April 2023*
- Currently Securing in the **top 43 Institute rank in Geeks For Geeks**.

Positions of Responsibility

- **Secretary of Club INNOVA** *2022 - 2023*
  - Managed a 25-member cross-functional (Arts, Music, Dance, Management, Digital) team collaborated with multi-cultural clubs, and coordinated with technical clubs toward the successful college fest SANKALP.