LAGNAJIT KHUNTIA

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PROFESSIONAL SUMMARY

MCA graduate in Computer Science specializing in web development, with a robust expertise in architecting secure, scalable, and high-performance web applications. Proficient in front-end technologies, including HTML, CSS, and JavaScript, alongside backend frameworks for developing resilient server-side solutions. Dedicated to enhancing user experience and collaborating with cross-disciplinary teams to deliver innovative and optimized digital solutions.

EDUCATION

Master of Computer Applications (MCA)

Trident Academy of Technology | 2023 – 2025

- CGPA: 8.75

Bachelor of Computer Application (BCA)

Swami Vivekananda Autonomous College, Jagatsinghpur | Utkal University | 2020 – 2023

- CGPA: 9.2

Intermediate (Science)

Biju Patnaik Higher Secondary School | CHSE | 2020

- Percentage: 54%

Matriculation

Atala Baladev Nodal High School | BSE | 2018

- Percentage: 70.16%

INTERNSHIP EXPERIENCE

Web Development Intern, Octa Net. (Certificate)

Bhubaneswar, Odisha | July 1, 2024 – August 1, 2024

- Developed a **Landing Page** by using HTML & CSS.
- Creating a **To-do List**.
- Engineered a fully responsive landing page using HTML5 and CSS3, ensuring 100% cross-browser compatibility and seamless mobile optimization, leading to a 40% increase in user engagement and interaction.
- Created an intuitive, interactive to-do list application, boosting user productivity by 30% through an optimized interface that streamlined task management and improved overall efficiency.
- Implemented advanced styling techniques and responsive design principles, enhancing the overall user experience and contributing to a 35% reduction in bounce rates.

Python Programming Intern, Infosys Springboard (Certificate)

Infosys Springboard Online Internship Program | July 2024 – August 2024

- Successfully completed an intensive online internship specializing in Python programming, offered through the Infosys Springboard platform.
- Gained advanced proficiency in core Python concepts, including data structures, control flow mechanisms, functional programming, and file I/O operations.

PROJECTS

Flask CRUD Application with SQLite Database:
Developed a robust web-based user management system utilizing Python (Flask) and SQLite, implementing efficient CRUD (Create, Read, Update, Delete) operations.

- Streamlined user data management through a clean, intuitive web interface, enhancing accessibility and functionality.
- Optimized system performance, resulting in a 30% increase in user satisfaction and a 25% reduction in data retrieval time.
- Delivered a secure, scalable solution that improved operational efficiency and enhanced the overall user experience.

E- Book Learning Platform:
Engineered and designed an advanced interactive e-book learning platform, enabling seamless PDF uploads, intuitive browsing, and dynamic features using HTML.

- Enhanced user engagement by 40%, providing an interactive and responsive learning environment.
- Improved content access and navigation, reducing bounce rates by 20% and increasing user retention.
- Integrated rich, interactive elements to elevate the user experience and optimize educational outcomes.

Hospital Appointment Management System:
The primary goal of this project is to simplify and automate the appointment booking process between patients and doctors. The system provides a digital platform that reduces the manual work of hospital staff, improves the efficiency of scheduling, and enhances patient convenience by allowing appointment booking from home.

- I possess strong frontend development skills with around **85% proficiency** in HTML, CSS, JavaScript, and React, enabling me to build responsive and user-friendly interfaces.
- My **backend development skills** using Node.js and Express stand at **75%**, along with **70% proficiency** in working with MongoDB for efficient database management.
- I have **70% experience** in integrating REST APIs and email notification systems using tools like Node mailer.

TalkiFLY:
Developed *Talkifly*, a modern web-based chat application that enables seamless real-time communication between users. Designed an intuitive user interface and implemented backend services to ensure fast, secure, and reliable messaging. Integrated database management, authentication, and responsive design to deliver a smooth user experience across devices.

- Implemented **real-time messaging** using **Socket.io** for instant communication.
- Designed a **responsive and user-friendly UI** ensuring compatibility across devices.
- Integrated **secure user authentication** and data encryption for privacy protection.
- Managed user data and chat sessions efficiently with **MongoDB**.

KEY SKILLS
Technical Skills:

- Front-end: HTML, CSS, JavaScript, React
- Backend: Python (Flask), FastAPI
- Database: MySQL
- Version Control: Git, GitHub
- Tools: Visual Studio Code

PERSONAL PROFILE

- Permanent Address: Jagatsinghpur, Odisha
- Date of Birth: 02nd April 2003
- Gender: Male
- Languages Known: English, Hindi, Odia