

# LAGNAJIT KHUNTIA

+91-8658758951 | lagnajitkhuntia2003@gmail.com | [linkedin.com/in/lagnajit-khuntia/](#) | [Portfolio](#)

## 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

<b>Master of Computer Applications (MCA)</b> (2023 – 2025)	<b>CGPA: 8.75</b>
Trident Academy of Technology   BPUT	
<b>Bachelor of Computer Application (BCA)</b> (2020 – 2023)	<b>CGPA: 9.21</b>
Swami Vivekananda Autonomous College, Jagatsinghpur   Utkal University	
<b>Intermediate (Science)</b>	<b>Percentage: 54%</b>
Biju Patnaik Higher Secondary School   CHSE   2020	
<b>Matriculation</b>	<b>Percentage: 70.16%</b>
Atala Baladev Nodal High School   BSE   2018	

## KEY SKILLS

### Technical Skills:

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

## INTERNSHIP EXPERIENCE

### IT Intern, Visital Technologies Pvt.Ltd.

Bhubaneswar, Odisha | August 2025 – Current

- Developing high-performance **RESTful APIs using FastAPI** and Python for scalable backend systems.
- Designing and managing **database operations (SQL / NoSQL)** with efficient data models and queries.
- Integrating **authentication and authorization mechanisms** (JWT, OAuth basics) for secure APIs.
- Performing **API testing and debugging** using tools like Postman and automated testing approaches.
- Writing **clean, modular, and well-documented code** following backend development best practices.
- Collaborating with front-end teams to ensure seamless **API integration**.
- Using **Git/GitHub** for version control and code collaboration.

### 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

### ShramikBandhu – Worker Management & Job Allocation Platform

#### Backend Developer (Python – FastAPI)

- Developed a **backend system using Python and FastAPI** to manage worker registration, job assignment, and status tracking.
- Designed and implemented **RESTful APIs** for job posting, worker allocation, and admin operations.
- Integrated **role-based access control (RBAC)** and **JWT-based authentication** to secure user and admin endpoints.
- Built efficient **database models and CRUD operations** using **MongoDB / SQL** for scalable data management.
- Implemented **manual job assignment workflows** for workers without smartphone access, improving inclusivity.
- Applied **input validation, error handling, and logging** to ensure system reliability and maintainability.
- Tested APIs using FastAPI and optimized performance for faster response times.
- Used **Git/GitHub** for version control and collaborative development following SDLC practices.

### 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.

### 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 *Talkify*, 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**.

## PERSONAL PROFILE

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