

# Chinmaya Biswal

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## Professional Experience

### Pixelvide, Hyderabad

SDE-II

10/2022 – present

- **IFMIS** (Integrated Financial Management System)  
Worked with the Ekuber section, which handles government payment issues like salaries, bills, etc., in coordination with the RBI. Developed key features such as bill tracking and automated file transfer to the RBI FTP. Also contributed to the integration of the Aadhaar-based payment system in IFMIS Telangana to enable beneficiary payments based on Aadhaar authentication.
- **Cadre Strengthening**  
Developed **Grant-in-Aid Module, Salary Module, Outsourcing Employee** streamlining record maintenance and salary distribution processes improving employee data management efficiency by 30%. Streamlined project workflows, enhancing overall efficiency by 25%
- **BLS (Booth Level Survey)**  
Lead in the **Booth Level Officer Telangana** project, developing a system that enhanced the **election booth investigation** process.
- **Postal Ballot Voting**  
Lead a web-based application to facilitate **postal ballot voting** for *senior citizens, government officials, and physically handicapped individuals in Telangana*, ensuring secure forms and data validation.
- **HRMS (Human Resource Management System)**  
Designed and developed an **HRMS** integrated with the IFMIS for the *Madhya Pradesh government*, including modules for *Family Details, Profile Details, Nominee Information, and Leave Management*.
- **LPM (Land Project Management)**  
Developed a deep learning model using the U-Net++ architecture for accurate pixel-level building detection from satellite imagery. Implemented the solution in Python with TensorFlow/Keras, achieving high precision in extracting building outlines. The model supports applications in urban planning and disaster management by enabling detailed spatial analysis of built-up areas.

## Skills

- **Backend** : NodeJs | Python | PHP
- **Frontend** : VanillaJs | HTML | CSS | Tailwind | JQuery | Bootstrap | Figma
- **Frameworks** : Angular | Angular Js | Laravel | Express JS
- **Devops** : Linux | Docker | S3
- **Database** : Postgres Sql | My Sql | Mongo Db
- **GIS (Geographic Information System.)**: Geoserver | Qgis
- **AI/ML**: Machine Learning | TensorFlow | OpenCv | LLM

## Projects

### Expense Tracker

Developed an Expense Tracker application using the MEAN stack (MongoDB, Express.js, Angular, Node.js) to monitor monthly and yearly expenses. The app allows users to track spending patterns, categorize expenses, and gain insights into their financial habits for better budgeting and financial planning.

### SportBuzzer

Developed **SportBuzzer**, a web application for booking sports grounds, open spaces, and indoor arenas for various games and events. The platform allows users to view availability, schedule time slots, and manage bookings for sports facilities, making it easier for individuals and groups to organize games and practices.

## Education

### Fakir Mohan University, Balasore, Odisha

MCA (Master Of Computer Application)

2020 – 2022

### Chitalo Degree Mohavidyalaya, Jajpur, Odisha

Bachelors in Science

2016 – 2019

## Languages

- English
- Hindi
- Odia