

CHINMAYA BISWAL

At-Maheshpur, Manjuri Road, Po-Babalpur, Dist-Bhadrak, State-Odisha, Pin-75621

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SUMMARY

Motivated and skilled Software Engineer with extensive experience in developing robust and scalable web applications. Proficient in multiple programming languages and frameworks with a strong background in project management and problem-solving.

EXPERIENCE

October 2022 - Present

PIXELVIDE, HYDERABAD,
TELANGANA SOFTWARE ENGINEER

- Developed and maintained the Outsourcing Employee Module for the IFMIS project for Telangana Government, improving employee data management efficiency by 20%. Streamlined project workflows, enhancing overall efficiency by 25%.
 - Played a key role in the Grant-in-Aid Module, streamlining record maintenance and salary distribution processes.
 - Engaged in the Booth Level Officer Telangana project, developing a system that enhanced the election booth investigation process.
 - Developed 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.
 - Designed and developed an HRMS (Human Resource Management System) integrated with the IFMIS for the Madhya Pradesh government, including modules for Family Details, Profile Details, Nominee Information, and Leave Management.
 - Developed a deep learning model leveraging the U-Net++ architecture for precise pixel-to-pixel building detection from satellite imagery. Utilized Python and TensorFlow/Keras for model implementation, achieving high accuracy in detecting building outlines.
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TECHNICAL SKILLS

- **Programming Languages :** HTML, CSS, JavaScript, PHP, Python, jQuery, NodeJs.
 - **Frameworks :** Bootstrap, AngularJS, Angular, Laravel, ExpressJs .
 - **Databases:** PostgreSQL, MySQL, MONGODB.
 - **Other Technologies:** Docker , MVC , DSA, NumPy, Machine Learning.
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EDUCATION

- **Master of Computer Application (MCA) (2020-2022)**

FakirMohan University ,Balasore,Odisha • Score: 81%

- **Bachelors in Chemistry (2016-2019)**

Chitalo Degree College, Jajpur, Odisha • Score: 79%

- **+2 Science (2014-2016)**

Odisha College of Science and Technology, Bhadrak, Odisha • Score: 65%

- **High School (2014)**

Saraswati Vidyamandir, Jajpur, Odisha • Score: 75%

PROJECTS

- **IFMIS TELANGANA**

Developed the Outsourcing Employee Module, which efficiently manages employee details, agency affiliations, and salary information.

Contributed to the Grant-in-Aid Module, which focuses on managing contractual employees without agency involvement.

- **BOOTH LEVEL SURVEY (BLS)**

Developed a system for the Booth Level Officer Telangana project to facilitate efficient election booth investigations and reporting for all polling stations in telangana.

- **POSTAL BALLOT**

Developed a web-based application to facilitate postal ballot voting for senior citizens, government officials, and physically handicapped individuals in Telangana.

Implemented secure forms and data validation to ensure the integrity and privacy of voter information.

Streamlined the process of casting votes remotely, improving accessibility and participation in elections.

- **HRMS SYSTEM FOR IFMIS (MP GOVERNMENT)**

Designed and developed an HRMS (Human Resource Management System) integrated with the IFMIS for the Madhya Pradesh government.

Modules included Family Details, Profile Details, Nominee Information, Resignation , New Employee Joining ,and Leave Management.

Ensured seamless integration with existing financial management systems, enhancing data accuracy and process efficiency.

- **CLEAR BUILD**

Designed and implemented a machine learning model using the U-Net++ architecture to detect and mark building boundaries from satellite imagery. Integrated multiple data sources, including government records and drone survey data, to validate and compare results. The system generates comprehensive reports to support urban planning and city development efforts. The project showcases expertise in semantic segmentation, geospatial analysis, and machine learning-driven decision-making for infrastructure planning.

OTHER DETAILS

- Languages : English , Hindi, Odia

- DOB : 02-04-1999