

Ashwin Kumar Mathura

Patna, Bihar

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Education

Bachelor of Technology in Computer Science and Engineering(AI) Government Engineering College, Munger CGPA: 8.7 (till date)	2022 – 2026
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Experience

Department of Revenue and Land Reforms, Government of Bihar Paid Technical Intern, Patna	2025 – 2026
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- Reviewed the LRC Bihar Portal to identify workflow issues faced by citizens and officials.
- Assisted in improving processes and usability through issue analysis and feedback.
- Supported digitization of records and documents to improve user experience.

Indian Institute of Information Technology, Bhagalpur Research Intern, Bhagalpur	2025
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- Worked on analysis and diagnosis of Parkinson's disease.
- Developed a method to support early diagnosis of the disease.
- Published a research paper based on the proposed method.

Gudsky Research Foundation

Technical Content Creator, Remote

- Created course content for Web Development and Machine Learning.
- Assisted in development and maintenance of the organization's website.

Projects

SunoZara

Tech Stack: React, PHP, JavaScript, Node.js

GitHub Repository

- Built an audio podcast and music platform for local art forms and artisans.
- Designed the system to support future extension as an e-commerce platform.

KhabarBaz

Tech Stack: JavaScript, Node.js, React, MongoDB, Express

GitHub Repository

- Developed a personalized news web application using the MERN stack.
- Implemented article recommendations based on user activity.

Parkinson's Detection

Tech Stack: Python, Scikit-learn, Pandas, NumPy

GitHub Repository

- Built a machine learning model for early detection of Parkinson's disease.
- Achieved 97% accuracy during evaluation.

Skills

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- **Programming:** C++, Python, JavaScript
 - **Data Structures & Algorithms:** Arrays, Strings, Linked Lists, Stacks, Queues, Trees, Graphs, Hashing, Recursion, Sorting, Searching; Time & Space Complexity
 - **Object-Oriented Programming:** OOPS principles, Class Design, Interfaces
 - **Web Development:** HTML, CSS, React, Node.js, Express, REST APIs
 - **Databases:** MySQL, PostgreSQL, MongoDB; CRUD Operations
 - **CS Fundamentals:** Operating Systems, DBMS, Computer Networks
 - **Developer Tools:** Git, GitHub, Linux, Docker (Basics), Postman