

Abisek Rout



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SUMMARY

Passionate and results-driven Computer Science undergraduate with hands-on experience in MERN stack, Java, and AI/ML projects. Completed internships at Tech Mahindra, InternPe, and CTTC, delivering real-world solutions like AI-powered hotel booking portals, social media platforms, facial recognition systems. Strong problem-solving, teamwork, and communication skills with a proven ability to adapt quickly to new technologies. Seeking to contribute to innovative software development.

EDUCATION

Ajay Binay Institute of Technology, Cuttack-B.Tech in CSE – GPA- 8.08	Nov 2022 - Ongoing
Stewart Science College, Cuttack-Science, Higher Secondary – 68%	Jun 2020 - Jun 2022
St Xavier's High School, Cuttack- High School – 70.21%	Apr 2008 - May 2020

WORK EXPERIENCE

Full Stack Intern – Tech Mahindra, Bhubaneswar (Link) <ul style="list-style-type: none">• Built backend features for 'CREST TRANSPORTATION' using Node.js and MongoDB.• Assisted in RESTful API creation and testing with Postman under senior guidance.• Participated in agile stand-ups and used Git for version control.	Jun 2025 – Jul 2025
Java Intern – InternPe (Link) <ul style="list-style-type: none">• Developed Java applications applying OOP, exception handling, and multithreading.• Created mini-projects with Java Swing, JDBC, and MySQL database integration.• Debugged and optimized code for better performance.	Aug 2024 – Sept 2024
AI/ML Intern – CTTC, Bhubaneswar (Link) <ul style="list-style-type: none">• Built a Python + OpenCV face detection and recognition system.• Trained Haar cascade models and handled dataset pre-processing.• Used Git and GitHub for collaborative development.	Jun 2024 – Jul 2024

SKILLS

Languages: Java (J2SE), Python, HTML, CSS, JavaScript, SQL.

Frameworks & Tech: MongoDB, Express.js, React, Node.js, REST APIs.

Tools & Platforms: VS Code, Jupyter Notebook, Git, GitHub, MongoDB Atlas, Postman, Nodemon, Vercel, Render.

Concepts: DBMS, OOP, DSA, OS, SDLC.

PROJECTS

Smart Hotel Booking Portal – MERN with AI APP LINK => https://quickstay-flame.vercel.app <ul style="list-style-type: none">• Developed a full-stack hotel booking app using MongoDB, Express.js, React, and Node.js, enabling users to browse, book, and manage hotel rooms with real-time admin dashboard control.• Implemented Clerk authentication, Stripe payments, and also Integrated email functionality (Brevo) to instantly send booking confirmations and updates to users, ensuring smooth hotel reservation and management workflow.• Integrated an AI chatbot for hotel search and booking assistance.• Managed image uploads with Cloudinary and deployed on Vercel via GitHub.	Jun 2025 – Jul 2025
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APP LINK => <https://vybe-sb2o.onrender.com>

- Developed a social media platform using MongoDB, Express.js, React, Node.js, and Socket.IO for **real-time** features.
- Created a responsive UI with Tailwind CSS and implemented **JWT** authentication with Cloudinary media storage.
- Built core features including Reels, Stories, chat, likes, comments, live notifications, and follow/unfollow.
- Deployed the application on Render using GitHub.

Face Detection & Recognition – AI/ML

Jun 2024 – Jul 2024

- Developed a live face detection and recognition system using Python and **OpenCV**.
- Trained a custom **Haar cascade** model, achieving **96.21%** accuracy.
- Implemented live face tracking and database matching.
- Integrated IP Webcam for real-time video streaming.

CERTIFICATIONS

- Full Stack Intern – Tech Mahindra ([Link](#))
- AI & ML – CTTC ([Link](#))
- Introduction to Frontend Development – Meta ([Link](#))
- Messenger Chatbot using Chatfuel – Coursera ([Link](#))
- Java Programming – InternPe ([Link](#))

ACHIEVEMENTS

Winner: State-Level Paper & Poster Presentation on IoT & AI-Based Blood Disease Detection and Diagnosis.

Winner: SIH Internal Hackathon.

3rd Prize: ISTE Poster Presentation & 2-Min Rush Competition.

2nd Prize: Scratch Programming Competition.

Participant: RBI Quiz & InternPe Quiz.

HOBBIES

Self Development Activities, Cricket, Cooking, Music.