

Abisek Rout



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PORTFOLIO: <https://abisek-rout.vercel.app/> (More Compactable in Desktop)
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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

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| 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

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| 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), C, Python (Beginner), 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

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| Smart Hotel Booking Portal – MERN with AI | Jun 2025 – Jul 2025 |
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APP LINK => <https://quickstay-flame.vercel.app>

- Developed a full-stack hotel booking app using MongoDB, Express.js, React, and Node.js.
- Implemented Clerk authentication, Stripe payments, and Brevo email automation.
- Integrated an AI chatbot for hotel search and booking assistance.
- Managed image uploads with Cloudinary and deployed on Vercel via GitHub.

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.