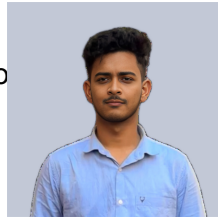# Priyansu Pattanaik

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SUMMARY

Final-year B.Tech student in Electronics and Telecommunication Engineering with a flair for efficient and creative problem-solving, showcased through innovative project ideas. Skilled in the MERN stack, and AI integration, I actively use Generative AI tools to design and develop cutting-edge web and mobile applications.

EXPERIENCE

Full Stack Developer Intern | Indoplus, Bhubaneswar, Odisha

- Developed full-stack applications using the MERN stack and optimized mobile apps with React Native for high performance.
- Built and deployed SiwaConnect (event management app) and an HRMS with admin panels and SQL backends.
- Designed RESTful APIs for improved response times and collaborated with teams to meet project deadlines.
- Conducted testing and debugging to ensure application reliability.
- Contributed to the development of "My Job," a job-finding application, enhancing its functionality and user experience.

EDUCATION

- **Secondary Education** (2018-19)
Percentage - 75% (CBSE)
DAV Public School Unit-8, Bhubaneswar, Odisha
- **Senior Secondary Education** (2020-21)
Percentage - 80% (CBSE)
Venkateswar English Medium School, Bhubaneswar, Odisha
- **BTech in Electronics & Telecommunication** (2021-2025)
CGPA - 7.04
Biju Patnaik University Of Technology, Odisha

TECHNICAL SKILLS

Front-end: HTML5, CSS3, JavaScript, React, React Native

Back-end: Node.js, Express.js

Database: MySQL, MongoDB

AI/ML: Machine Learning

PROJECTS

AI-Powered Resume Scanner | Python, Streamlit, NLP | Link

- Built a web app to analyze resumes for ATS compatibility using Python and Streamlit.
- Applied NLP (NLTK) for keyword extraction and job description matching, enhancing alignment.
- Integrated AI-driven keyword suggestions for real-time resume optimization.

AI Chatbot | React, Google Gemini API | Link

- Developed an AI chatbot with React and Google Gemini API for real-time Q&A.
- Designed a responsive UI for seamless cross-device interaction.
- Leveraged NLP to improve query comprehension and response accuracy.

Vitamin Deficiency Detection | Python, OpenCV, Machine Learning | Link

- Engineered a system to detect vitamin deficiencies using ML and image processing.
- Used OpenCV for feature extraction and trained models for high-accuracy predictions.
- Optimized performance through algorithm tuning and data preprocessing.

CERTIFICATIONS

Generative AI - Google Cloud

Artificial Intelligence - LinkedIn Learning

AICTE Internship - Oasis Infobyte

Data Science Foundation - Great Learning

Full Stack Web Development - Udemy