

# Priyansu Pattanaik

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## SUMMARY

Final-year B.Tech student in Electronics and Telecommunication Engineering with a strong foundation in full-stack development (MERN stack) and AI integration. Proven ability to design and develop innovative web and mobile applications, demonstrated through projects like an AI-powered resume scanner and a vitamin deficiency detection system. Skilled in leveraging Generative AI tools and specializing in Large Language Models (LLMs) to enhance application functionality.



## EXPERIENCE

*Full Stack Developer Intern | Indoplus, Bhubaneswar, Odisha*

- Developed and deployed full-stack applications using the MERN stack, including SiwaConnect (event management app) and an HRMS with admin panels and SQL backends.
- Designed and implemented RESTful APIs to enhance application performance and scalability.
- Collaborated with cross-functional teams to meet project deadlines, ensuring reliability through rigorous testing and debugging.
- Contributed to "My Job," a job-finding application, improving functionality and user experience with optimized features.

## 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 - 7.05

Biju Patnaik University Of Technology, Bhubaneswar, Odisha

## CERTIFICATIONS

*Generative AI* - Google Cloud

*Data Science Foundation* - Great Learning

*Artificial Intelligence* - LinkedIn Learning

*Full Stack Web Development* - Udemy

*AICTE Internship* - Oasis Infobyte

## PROJECTS

*AI-Powered Resume Scanner | Python, NLP | [Live Link](#)*

- Developed a web application to analyze resumes for ATS compatibility, improving alignment with job descriptions.
- Utilized NLP techniques (NLTK) for keyword extraction and matching to enhance resume optimization.
- Integrated AI-driven keyword suggestions for real-time improvements.

*AI Chatbot | React, Google Gemini API | [Live Link](#)*

- Created an AI chatbot leveraging a Large Language Model (Google Gemini API) for real-time Q&A with a responsive UI.
- Enhanced query comprehension and response accuracy using NLP techniques.

*Vitamin Deficiency Detection | Python, OpenCV, Machine Learning | [Link](#)*

- Engineered a system to detect vitamin deficiencies using machine learning and image processing techniques.
- Achieved high-accuracy predictions through feature extraction with OpenCV and model training.

## TECHNICAL SKILLS

**Front-end:** HTML5, CSS3, JavaScript, TypeScript, React, React Native, Tailwind CSS

**Back-end:** Node.js, Express.js, RESTful API development

**Database:** MySQL, MongoDB

**AI/ML:** Hugging Face Transformers, Large Language Models (LLMs), Generative AI Tools

**DevOps:** AWS, Git

**Operating Systems:** Linux