

PRATIK ROUT

Full-Stack Web Developer | AI Enthusiast

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SUMMARY

Second-year BCA student passionate about web development and AI, with hands-on experience in building full-stack applications. Skilled in HTML, CSS, JavaScript, Node.js, and MongoDB. I thrive in collaborative environments where I can apply my problem-solving and coding skills to real-world challenges.

TECHNICAL SKILLS

Frontend : HTML5, CSS3, JavaScript, Bootstrap

Backend : Node.js, Express.js

Database : MongoDB, SQL

Other : Python, C

PROJECTS

Wanderlust

April 2025 - June 2025

- Developed Wanderlust, a full-stack vacation rental platform inspired by Airbnb, allowing users to list, browse, and book properties.
- Implemented features like user authentication, listing and review management, and RESTful API integration.
- Tech Stack: HTML, CSS, JavaScript, Bootstrap, Node.js, Express.js, MongoDB, and Passport.js.

Smart Language Translator

June 2025 - July 2025

- Created a voice-enabled translator app that supports real-time multilingual translation, speech input, and audio playback.
- Implemented speech recognition, text-to-speech, and language detection, along with features like theme switching and language toggling for accessibility.
- Technologies: Python, Streamlit, googletrans, gTTS, speech_recognition.

EDUCATION

Techno Main Saltlake

Aug 2024 - June 2028

Bachelor of Computer Applications

- Coursework includes programming, DBMS, data structures, OS, networks, web dev, software engineering, mathematics, communication skills, projects and electives like AI or cloud

St. Thomas' Church School

April 2014 - May 2024

Higher Secondary

- Studied Physics, Chemistry, Mathematics and Biology

ACHIEVEMENTS

- Developed a Smart Language Translator app using Streamlit with integrated voice input/output and translation features.
- Participated in the GDG Solution Challenge Hackathon, building a gamified EdTech platform to support competitive exam aspirants.
- Learning full-stack development including React.js, Node.js, Express, and MongoDB to build scalable web apps.