

# Pratik Rout

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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.

## Skills

- bootstrap
- c
- css3
- express.js
- html5
- javascript
- mongodb
- node.js
- python
- sql

## 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.

*Technologies:* Bootstrap, CSS, Express.js, HTML, JavaScript, MongoDB, Node.js, 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.

*Technologies:* Python, Streamlit, gTTS, googletrans

## Education

- Techno Main Saltlake Aug 2024 - June 2028 (Bachelor of Computer Applications)
- St. Thomas' Church School April 2014 - May 2024 (Higher Secondary)