

Piyush Singh

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Education

- B.Tech: Electrical and Electronics Engineering, NIT Trichy (2022-2026) CGPA:8.33
- Class XII: DAV Public School, Jamshedpur(2022) Percentage: 92.2%
- Class X: DAV Public School, Jamshedpur (2020) Percentage: 93.5%

Personal Information

- Date of Birth: 04/11/2003 , Gender: Male

Skills

- Backend Development (Spring Boot, PostgreSQL, MySQL ,MongoDB)
- Frontend Development (React, XML, Html , CSS, JavaScript)
- Android application development (Android Studio, Java, XML)
- Python, Git/GitHub, MATLAB, MS Excel
- Data structures and algorithms (Ranks among top 3% of leetcode users)

Experiences

Currents, EEE-DevOps, NIT Trichy

Jan 2024-Present

Actively contributes to the ongoing development and enhancement of the Currents' Android mobile application and website as a member of the EEE-DevOps team. Focus on designing and implementing front-end logic using JavaScript and React.

Projects

- F.R.I.D.A.Y** *Nov 2024*
A chatbot/web application that leverages React for a responsive frontend and Spring Boot for robust backend services. It uses AI and large language models to generate personalized recipes, images, and respond to user queries. The integration of Spring AI offers an interactive, intelligent user experience. This seamless platform delivers custom content and real-time responses.
- Hotel Booking Site** *Aug 2024*
Built a hotel booking web app with Spring Boot, React, and MySQL, featuring secure JWT-based login, room availability checks, and booking functionality. Integrated Spring Security for robust user authentication and designed a responsive frontend for seamless user experience.
- Monster City** *Feb 2024*
Designed and implemented a mobile jump-and-dodge game (Android Studio, Java, XML) with custom graphics and animations (using the Canvas class). The game features a ninja character navigating obstacles, collecting coins, and reaching a home location.
- SplitPay** *Dec 2023*
Designed and developed a transaction application in Android Studio utilizing Java and XML for the user interface. The backend is powered by Spring Boot and PostgreSQL, enabling key features such as account creation, peer-to-peer transactions, and bill splitting, all seamlessly integrated with RESTful APIs.

Extracurricular

- Volunteered with the Pragyan Team (HumaNITTy'23), visiting orphanages and old age homes.
- Opening fast bowler for NIT Trichy in TDCA League (Div.2), qualified for INTER NIT-24 T20 Quarter Finals.
- SportsFete cricket achievements: Quarter Finals (2022), Runner-up (2023), Third Place (2024).