

PIYUSH BHATT

Panipat, Haryana

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Education

Indian Institute of Information Technology, Kota

August 2023 - June 2027

Bachelor of Technology in Electronics and Communication (SGPA of 7.5)

Kota, Rajasthan, India

Experience

Rocket.Chat — Google Summer of Code (GSoC) Contributor

May 2025 – August 2025

Software Development Engineer Intern

Remote

- Engineered and launched the TripHelper App, an AI-powered travel assistant, for the Rocket.Chat platform with a global user base exceeding 12 million.
- Architected the backend logic using TypeScript and Node.js, implementing key features such as itinerary planning and contextual, location-based responses.
- Incorporated Large Language Model (LLM) capabilities to provide intelligent travel suggestions derived from user prompts, uploaded images, and location data.
- Collaborated within an Agile framework with a team of over 10 international contributors and mentors, utilizing GitHub for version control and ensuring 100% code coverage through peer-reviewed pull requests.
- Authored comprehensive documentation for the entire development lifecycle, culminating in a final project report and demonstration for successful GSoC completion.

Projects

Trip Helper App | *Typescript, Nodejs, Apps-Engine* | <https://github.com/RocketChat/Apps.Trip.Helper>

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- Spearheaded the design and creation of the TripHelper App, an AI-driven travel assistant, for the Rocket.Chat platform, serving over 12 million users worldwide.
- Constructed and deployed the application's entire backend infrastructure using TypeScript and Node.js, significantly enhancing trip-planning functionalities within Rocket.Chat.
- Partnered with a global team of more than 10 contributors and mentors, adhering to Agile methodologies and GitHub workflows to maintain 100% code coverage and peer-reviewed standards.

Blog Website | *ReactJs, Node.js, Appwrite* | <https://piyush-dailyblog.vercel.app/>

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- Fashioned a full-featured blogging platform employing a stack of Appwrite, React.js, and Node.js, with comprehensive CRUD (Create, Read, Update, Delete) capabilities.
- Implemented a rich text editor with Markdown support to facilitate intuitive article creation and integrated user authentication for secure content management.

Achievements

- Led web development initiatives for Cyph3r - the official cybersecurity club of IIIT Kota.
- Organized and executed 4 key cybersecurity-focused events, fostering a culture of security awareness and technical skill development among students.
- Highest rating of **1000** at Codeforces, which is the top site in terms of participation of programmers across globe.
- Ranked within the top **1500** on CodeChef, attaining a highest rating of 1401 (2-star)
- Authored over **10** solutions on LeetCode, focusing on Data Structures and Algorithms.
- Successfully solved more than **300** problems on various competitive programming platforms.

Profile Links

- Codechef
- Codeforces
- Leetcode
- Github

Technical Skills

Languages: C++, Typescript, Python, HTML/CSS, JavaScript, SQL

Technologies/Frameworks/Libraries: ReactJS, Next Js, Numpy, Pandas, Matlab, Next.js

Practices: RESTful APIs, Agile, Version Control, Unit Testing

Platforms: Linux(Ubuntu), Windows