Pranav Pratap Singh

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EDUCATION

National Institute of Technology, Meghalaya   Shillong, Meghalaya
Bachelor of Technology: Computer Science and Engineering   8.24/10 | 2019 - 2023
- **Coursework**: Data Structures, Algorithms, Databases, Computer Networks, Operating System

WORK EXPERIENCE

Navgurukul   Remote
Backend Developer Intern   Nov,2022 – Feb,2023
- Worked on a project to automate the process of extracting data from a Telegram group(consists of 500+ members) and pushing it into a GoogleSheet. Github-repository
- This project **reduced manual effort for 7hr per day to a few minutes** and with **data accuracy of more than 98.5%.**
- **Technology Stack**: Python, Telegram API, Google Sheets API, DynomoDB

Navgurukul   Pune , Maharashtra
Code India Fellowship   Jan,2022 – Mar. 2022
- Pilot an idea to help young girl children by teaching programming or coding through application of **innovative teaching techniques**. (e.g merakilearn.org which boosted their learning rate to more than 130%)
- Design & support in the delivery of classroom sessions (Technical & Non-Technical) for **200+** students
- Placed 50+ Girls in different IT companies with multiple profiles.

Coding Club NITM   Shillong, Meghalaya
App development Head   Oct,2020 – Feb, 2022
- Taught coding to 20 children in the **collaborative learning ecosystem** over the course of 6 months
- **Secured 2 internships and 3 freelance projects** for team members at tech startups

PROJECTS

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- This app is a pet project, built with RESTful API design for the purpose of honing my skills in full stack web development.
- Achieved high security standards with best practices such as sha256 encryption, rate limiting, JWT, password reset etc.
- **Technology Stack**: NodeJS, Express, MongoDB Atlas, Postman

Mousam App
- A multiscreen mobile application using Flutter that provides weather information for a user-selected/current location.
- Designed and **developed the user interface and functionality** of the app, utilizing Flutter widgets, APIs, and **asynchronous programming** to provide real time weather data. Installed and **working smoothly in more than 10 smartphones** of friends.

Text-Utils React App
- A web application using React which supports light/dark themes and provides features to manipulate text with various utilities, such as toggle case, removing spaces, char count etc.
- Personally, this app has **improved my productivity to 5%** while working with various text operations.

SKILLS

Languages : Python, JavaScript (Node.js), HTML/CSS, C++, SQL(PostgreSQL, MySQL), Dart
Tools and Technologies : GitHub, VS Code, Postman, AWS, Linux CLI, ExpressJS, Flutter

ACHIEVEMENTS

- Solved 700+ problems on leetcode and have a **1600+ rating** on the platform.
- Contributed to 10+ Open Source projects on GitHub.
  - 10 days of code (project1, project2)   • CodePeak (project1, project2)
- Advanced to round 1 in Google Code Jam 2022.
- Secured rank of **227/11000** in Accio-Wars Coding Contest.
- Secured 2nd and 3rd positions in 2 events in Cognitia (Technical fest - NITM).