T. Pranay Mahendra

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Work Experience

- **React-native application developer**
  Interned as a React-native application developer at Betterhalf.ai company for 6 months. I have developed the android and iOS app for Behherhalf.ai app, and integrated API's for the application during my internship period.

Academic Profile

Course	Name of School / College	Board/University	Year of Passing	GPA
B.Tech (CSE)	Gokaraju Rangaraju Institute of Engineering and Technology	JNTUH	2019	8.9(till 4-1)
Intermediate	Narayana Junior college	BIEAP	2015	9.48
10th	Bhashyam public school	SSC	2013	9.5

Projects

- **Finding the amount of water body diminished in a period (Guide: G. Mallikarjun Rao)**
  Satellite Images are downloaded manually and the regions corresponding to water bodies are checked and matched with the same satellite image of previous years to find out the amount of water body diminished using MATLAB software (mini project).
- **RSS Aggregator (MERN stack website)**
  Full stack website that fetches news articles from multiple websites parses them to JSON with NodeJS, stores them in Mongo Database, where client side requests their subscribed websites latest feed to the server side.
- **Self-Adaptive Light Focusing System for Motor Cycles and Cars**
  Adjusts light depending upon light emitted by an approaching vehicle. It is an IoT project which was developed using Arduino and Light Dependent Resistor (LDR).
- **Text Repeater**
  An android app that repeats the text. The no of times the text should be repeated is given by the user. **Bit manipulation** algorithm is used to optimize the number of times the text is repeated.

Technical Skills

- **Programming Languages:** JavaScript, Java, C.
- **Web**: HTML, CSS, SQL, PL/SQL.
- **Frameworks & Technologies**: React-native, ReactJS, Redux, NodeJS, MONGODB, basics of MATLAB, Android application development.
- **Platform + Tools:** Git, Linux, Vim.

Co-curricular Activities

- Runners at Hack4Hyderabad hackathon.
- Volunteered for Airtel Marathon, code auction & Arduino workshop.
- Passed Uber Challenge round 1.
- Participated in various coding challenges & hackathons.
- Worked as a tutor for 8th and 9th class students.
- Playing Badminton, Reading Quora.

Achievements

- Winner in Code Auction conducted at GRIET college.
- 120th rank in IEO (Indian Engineering Olympiad) exam,