

PRANAV BARADKAR

Software Development Engineer

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Education

IIT Bhubaneswar

B.Tech Civil Engineering 8.33/10

Jun. 2017 – May 2021

Bhubaneswar, Odisha

Cambridge High School

HSC - 86.2/100

Jun. 2015 – May 2017

Nanded, Maharashtra

Gujarathi High School

SSC - 96.4/100

Jun. 2014 – May 2015

Nanded, Maharashtra

Technical Skills

Programming languages: HTML5, CSS, Javascript, Typescript, CPP, SQL, Python

Technologies/Frameworks: React.js, React Native, Next.js, Vue.js, Express.js, Git

Programming concepts: Data structure and Algorithms, OOPS, RDBMS

Developer Tools: VS Code, GitHub, Bitbucket, MS Excel, Xcode, Android Studio

Hands-on experience: Flutter, Firebase, MATLAB, Figma, Apollo client

Experience

ZET

Software Engineer

June 2023 – Present

Bengaluru, Karnataka

- Worked on **expo supported react-native** flagship applications **ZET** and **Myteams** which has more than **1M+** user base
- Integrated and used **React Query** for efficient backend integration with the app which reduced the **API calls drastically**. Extensively used **Zustand** like global state management and react native best practices to reduce page rendering and increase app efficiency
- Created **native modules** for **In-app update and notifications**.
- Build and Contributed solely to the CRM web application (**React native + Next.js**) which is being used rigorously by the internal customer support team with fulfilling fast-paced requirements.
- Integrated **Graphql** using **apollo** client to efficiently fetch the data from the backend.
- Contributed to the most used feature on ZET-App which supports in-house bot chatting feature to reduce CSA load.
- Introduced **complex animations** which helped the growth matrix positively.
- Collaborated with Back-end, product and design teams to provide the feature delivery on time with through **testing and debugging**.

Environment : **Next.js, React Native, Apollo client, GraphQL, Expo, SQL, Typescript, Javascript, Native Modules**

Flyfin AI

Software Engineer

Mar 2022 – May 2023

Bengaluru, Karnataka

- Collaborated closely with product managers, designers, and backend developers to develop core features for FlyFin's consumer-facing mobile Application
- Used **Redux** store to save persisted user data and blacklist data to make features like chatting and interaction very smooth.
- Hands-on with **x-state navigation** to implement A/B testing with multiple experiments
- Used many libraries like **date-fns, carousel, react-video, bar charts and animated** to implement many interactive features.
- Conducted thorough testing and debugging to ensure high-quality software deliverables
- Involved in every phase of development: design, code, documentation, and review.

Environment : **React native, JavaScript, TypeScript, Axios, Django**

Porsio Marketplace Pvt Ltd

Software Developer - (Founding member)

June 2021 – March 2022

Bhubaneswar, Odisha

- Developed mobile application for helping retailers **quickly open their online stores providing them with store website** and also developed an application for a **marketplace** where customers can buy from local retailers. **15+** retailers on-boarded and **500+** user used it.
- Used Firebase in the backend and React Native for end-to-end development. The application includes **push notifications, a payment gateway, and map integration**.

IIT Bhubaneswar

Research Internship

May 2020 – July 2020

Bhubaneswar, Odisha

- Developed a computer program using Python and OpenCV to determine the grading curve of bituminous mixtures.
- It reduced the cost of finding gradation, and time and prevented health issues due to hazardous gas coming out while extracting the bitumen.

Swiggy

Launchpad

July 2019 – Nov 2019

Bengaluru, Karnataka

- Got selected through the launchpad program for campus students.
- Thoroughly understood the swiggy business operation, used data analytics techniques, MS-excel to increase the presence of Swiggy in and around campus by 30%

Thinking Hut IT Solutions

Summer Internship

May 2019 – July 2019

Pune, Maharashtra

- Implemented end-to-end machine learning web application to detect if an X-ray is having fracture or not with 90% accuracy.
- Developed ML model and web application using Python, CNN algorithm, and angular 8 performed on Stanford's Mura v1.1 dataset.

Projects

Mastermind and tic-tac-toe game | *React.js, HTML, CSS*

march 2022

- Developed **mastermind** and **tic-tac-toe** game from **scratch** using **React.js, Html, and CSS** with efficient algorithm and best practices
- In-order to manage the states and making app smoothly used React **hooks and state management functions** extensively
- Both are two player games. In Mastermind one user can create code and second user try different combinations to guess the code in defined chances.

Measurement of IRI using smartphones | *MS-Excel, Python, smartphone, Statistics*

October 2021

- Study of the thesis involves measurement of the **international roughness index** using **mobile acceleration data**.
- Used **signal processing technique** to find the roughness index using a **Python** program and successfully defended the thesis.

Projects on Machine Learning | *Python*

October 2020

- Predict customer behaviors
- Clustering of materials
- Prediction of cure of disease
- Data cleaning

ACHIEVEMENTS

- Got **2nd** rank in **UG research paper submission** at KCIT in the National wide search for budding minds competition where more than 50 teams participated. (2021)
- **All India ranks 8338**, JEE Advanced (2017)
- IIT Bhubaneswar Awarded **Merit Scholarship** for **FOUR consecutive years** for an outstanding academic record.

POR/EXTRA-CURRICULAR ACTIVITIES

- Student Placement Coordinator – 2021
- Head of Alumni Relations at Alumni Cell IIT Bhubaneswar (2020 –2021)
- Represented IIT Bhubaneswar in Inter IIT Tech meet. (Campus Sustainability) (2018)
- Represented IIT Bhubaneswar in Inter IIT sports meet. (Table Tennis)