

# Pranav Iyengar

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## EDUCATION

### Ashoka University

*B.Sc. in Computer Science and Entrepreneurship*

- GPA: 3.79/4.0; **Dean's List**: Two Semesters

**Sonipat, India**

*May 2023*

### Indian Institute of Technology, Madras

*B.Sc. in Data Science and Programming*

- GPA: 7.6/10.0; **Teaching Assistant**: Intro to Python

**Online**

*May 2025*

## RELEVANT COURSEWORK

**Ashoka University**: Algorithm Design and Analysis, Operating Systems, New Geography of the Information Age, Data Science and Sports, Computer Organization and Systems, Advanced Programming, Discrete Math

**IIT Madras**: Programming Data Structures and Algorithms, Database Management Systems, Modern Application Development 1 (**Awarded Best Course Project**), Business Data Management, Tools in Data Science, Machine Learning Foundations

## WORK EXPERIENCE

### Withub

*Full Stack Development Intern*

**Remote**

*May 2022 - Aug 2022*

- Worked as a full stack development intern at [Withub](#) using Javascript, Typescript, React, Node, Express, Pizzly, Supabase, Apollo GraphQL, Prisma and PostgreSQL
- Developed various parts of the UI such as the settings and collections pages, and added integrations with multiple applications such as Asana and Zoom. Created, tested and fixed multiple back-end calls.
- Created an NPM/GitHub package that acts as a middle-ware between the front-end and the search back-end to handle and process all API calls to third-party integrations. Designed a modular, reusable framework to add integrations. Lowered load times for search results by up to 2 seconds.

### Seven Senses School

*Teacher and Website Developer*

**Bangalore, India**

*Jul 2021 - Mar 2021*

- Taught 35 children from grades 3-7 about computers and their various functions at Seven Senses Montessori, Bangalore. Informed students about software such as Scratch, Photoshop and Powerpoint
- Re-designed, developed [a new website](#) using HTML, CSS and Javascript for Seven Senses

### Redbrick Hacks

*Development*

**Sonipat, India**

*Summer 2021 and 2022*

- Designed and developed the website for Redbrick Hacks - the Ashoka University Hackathon, , using HTML, CSS and JS (*Currently Deprecated*) (**Summer 2021**)
- Created software that would interact between three Raspberry Pi using MQTT, Electron and Typescript to create a keyboard duel. Developed a script to host custom timed tests on [monkeytype.com](#), created an API that interacted between the main Pi node and the two child nodes to sync up test and user details, and designed a leaderboard page. (**Summer 2022**)

## PROJECTS

- **OnlyPlans**: [OnlyPlans](#) is a fully functional Django e-travel solution designed as a course project for [CS-1202] Advanced Programming. Works with the Amadeus Flight Offers API to show real time air travel options, and also displays over 50 hotels in multiple locations.
- **OnlySmells**: [OnlySmells](#) is a fully functional Django e-commerce solution that displays over 70 perfumes and other fragrances, designed as a course project for [CS-1202] Advanced Programming
- **TypeWarz**: TypeWarz is [a typing test website](#) built using Django and Javascript that tracks user keystrokes to provide accuracy and WPM measurements. It has had 25 users and has recorded over 150 tests.
- **Hindi National Language Twitter Response Analysis**: [Final project for CS-2378 New Geography of the Information](#). The project aims to analyze the sentiment and response of the population of India towards the imposition of Hindi as the national language