

# Dhananjayan P N

## Software Developer

Inquisitive, energetic college student with a penchant for Computer Science and Artificial Intelligence. Passionate about building software solutions that make lives easier.

## EDUCATION

### UNIVERSITY OF WISCONSIN - MADISON

September 2020 - May 2023

BS in Computer Science & Data Science  
Minor in Entrepreneurship

## LANGUAGES & FRAMEWORKS



Python 3



JavaScript



Java



Django



React



Flutter

## LEADERSHIP & AWARDS

- Represented India at the Y4PT Global Hackathon, held at Sweden
- 1st Place at Amrita National Science Olympiad 2019, among 102 teams
- 1st Place at IBM sponsored Hackathon
- Ranked Top 20 in HP CodeWars 2019
- Selected Trainee for the CMS Collaboration at CERN in Geneva, Switzerland

## CONTACT INFO

Location: Madison, WI

Mobile: +1-608-960-5160

Email: [pndjay@gmail.com](mailto:pndjay@gmail.com)

LinkedIn: [Dhananjayan P N](#)

GitHub: [Dhananjayan-PN](#)

Profile Website: [dhananjayan.tech](http://dhananjayan.tech)

## EXPERIENCE

### FULL STACK DEVELOPER

*Demic LLC | April 2021 - Present*

- Developing a cross-platform mobile application with React Native
- Handling requests to Firebase Storage
- Designed and implemented accessibility features

### STUDENT DEVELOPER, UNDERGRADUATE R.A.

*People & Robotics Lab, UW-Madison | May 2021 - December 2021*

- Developed multiple Chrome Extensions to aid TBI Patients in using social media
- Created Android Application to Record Alexa conversations for research
- Set up API server on AWS for handling requests from the extension

### SOFTWARE DEVELOPMENT INTERN

*Fleo Tech | April 2021 - August 2021*

- Developed a MEAN stack application
- Responsible for developing an efficient API Backend
- Setup AWS SNS for email and in-app notifications

### MOBILE APP DEVELOPER INTERN

*Gen Next Education, Inc. | Mar 2020 - September 2020*

- Developed a cross-platform mobile application with Flutter
- Optimized network requests with caching
- Designed an interactive and easy-to-use UI

### TALENT OUTREACH PROGRAM INTERN

*Cisco India | Aug 2019 - Jan 2020*

- Worked in a team under the mentorship of Cisco developers
- Created a Web-based project for event management at schools
- Developed the back-end system for the project, along with other developers

## PROJECTS

- MusicRoom: A platform to control music on Spotify with your friends in the same room. Built with React.js, Django and Spotify Web API.  
[\[CODE\]](#) [\[SITE\]](#)
- Smart Recorder: A simple recorder app developed with Flutter and published on Play Store. [\[CODE\]](#) [\[PLAYSTORE\]](#)
- AutoDust: AI system written in Python designed to detect the type of waste and segregate accordingly. [\[CODE\]](#)
- Instagram Bot: Python bot made to connect with like-minded individuals on Instagram in an automated fashion.
- Virtual Eye: Mobile application that uses Machine Learning and Object Detection to help visually impaired individuals understand their surroundings through audio cues. [\[CODE\]](#)
- [VIEW MORE](#) at [dhananjayan.tech](http://dhananjayan.tech)