

Dhananjayan

Pallavur Naduvakkat

Software Engineer

EDUCATION

University of Wisconsin - Madison

September 2020 - Dec 2023

BS in Computer Science and Data Science
Minor in Entrepreneurship

GPA: 3.6

Dual Honors Program

Dean's List: Spring '22, Spring '21

SKILLS

Languages

Python, JavaScript, TypeScript, Java, C, C++, Dart

Frameworks

React.js, Angular, Node.js, Express, Django, Flask

Tools

Git, Heroku, MongoDB, MySQL, PostgreSQL, AWS,
GCP, REST API, Terraform, Docker, Kubernetes

LEADERSHIP & AWARDS

- Represented India at the Y4PT Global Hackathon, held in 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

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🔗 <https://github.com/Dhananjayan-PN>

📘 <https://www.linkedin.com/in/dhananjayanpn>

EXPERIENCE

Software Engineer Intern

Northwestern Mutual | June 2022 - August 2022

- Engineered a Lambda function to monitor IP address availability in AWS VPC Subnets, reducing resource crashes by 20%
- Assisted over 10 teams in implementing and fixing GitLab CI/CD pipelines as a trained and certified DevOps Practitioner
- Developed and deployed a React app for NM to improve financial literacy in young adults

Peer Mentor for CS 320

UW-Madison Computer Science Dept. | Jan 2022 - Present

- Mentored and proctored over 500 students for COMP SCI 320 (Data Science Programming II) - Intermediate approach to Data Science programming using Python, a core Data Science course

Full Stack Developer

Demic LLC | April 2021 - April 2022 | Part-Time

- Developed a cross-platform mobile application with React Native to connect with classmates at UW-Madison
- Implemented accessibility features and CI/CD pipelines
- Harnessed the power of social media to onboard over 1000 users

Student Developer, Undergraduate Research Assistant

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

- Developed 3 chrome extensions to aid Traumatic Brain Injury patients in using social media with Sentiment Analysis for new posts
- Deployed an API on AWS for handling requests from the extension
- Engineered an Android app to record & analyze Alexa conversations

Software Development Intern

Fleo Tech | April 2021 - August 2021

- Developed a MEAN stack application with no prior knowledge
- Designed an efficient API Backend with less than 1s response time
- Setup AWS SNS for email and in-app notifications and alerts

Mobile Application Developer Intern

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

- Developed mobile application with Flutter and Dart
- Optimized network requests with caching images, reducing overall app load times by 50%

Talent Outreach Program Intern

Cisco India | Aug 2019 - Jan 2020

- Worked in a team of 6 under the mentorship of Cisco developers to develop a Python and Django web app for easy event management

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](#). [\[VISIT\]](#)
- SpaceX Mission Viewer:** A simple [React.js](#) website to display all SpaceX Mission details from the [SpaceX Data API](#). [\[VISIT\]](#)
- AutoDust:** [Machine Learning](#) program written in [Python](#) designed to detect the type of waste and segregate accordingly.
- 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.