

Achintya Jha

achintyajha.com
Email: achntj@gmail.com
LinkedIn: [/achintyajha](https://www.linkedin.com/in/achintyajha)
Github: [@achntj](https://github.com/achntj)

EDUCATION

Arizona State University Tempe, AZ, USA
Bachelor of Science in Computer Science; GPA- 4.2; Dean's List (All semesters) Aug. 2022 - May 2026
Relevant Coursework: CSE 110: Principles of Programming, CSE 205: Object-Oriented Programming and Data Structures, CSE 120: Digital Design Fundamentals, CSE 240: Introduction to Programming Languages
College Activities: Google Developer Student Club at ASU, Software Developers' Association (SoDA), DevilFish Robotics

EXPERIENCE

Nucleus Software New Delhi, Delhi, India
SWE Intern Jun. 2023 – Aug. 2023

- Worked on development of a critical Self-Service Portal for General Motors Financial across Latin American countries, significantly enhancing user experience and operational efficiency.
- Engineered a comprehensive end-to-end testing solution, ensuring the seamless functionality of the application across all interfaces. Tools Used: Spring Boot, Angular JS, Selenium, PL/SQL, ATDD, Agile.

Tech Mahindra New Delhi, Delhi, India
Machine Learning Research Intern Aug. 2021 – Nov. 2021

- Implemented bilingual chatbots in Hindi and Bengali for Ford Customer Care Service, elevating customer engagement and satisfaction levels.
- Worked on question answering model using Natural Language Processing.
- Tools used: Python, BERT, PyTorch, Word2Vec.

Saitama University Saitama, Japan
Exchange Student Researcher Nov. 2020 – Dec. 2020

- Represented Indian Delegation at Sakura Science Program 2020.
- Built a miniature autonomous car with automatic distance-detection and braking, under Professor Tairo NOMURA.

PROJECTS

SentiMate | www.sentimate.org

Founder & Developer

- Built a depression detection system using Machine Learning and Natural Language Processing with an accuracy of over 97% (on test data).
- Developed a social media web-app to give users a platform to express their thoughts and ideas about mental health and their experiences. **Tools Used:** SciKit Learn, Flask, React JS, Scrapy, BeautifulSoup, Firebase.

Pandora's Box | www.pandora.achntj.com

- A web data store with remote accessibility and features like read/unread and markdown.
- Tools Used: ReactJS (Next JS), Typescript, Tailwind CSS, Prisma ORM, MySQL.

Diksha Oracle Official Website | www.dikshaoracle.com

- Developed the website for an oracle-training startup, seamlessly integrating a cutting-edge native content-editing dashboard and robust authentication system.
- Elevated the startup's online presence, strategically positioning it as a leader in oracle training.
- Tools Used: ReactJS (Next JS), Typescript, Tailwind CSS, Prisma ORM, Sanity CMS

Other projects at achintyajha.com/projects.

HONORS AND AWARDS

- Dean's List – Fall 22, Spring 23, Fall 23
- NASA Space Apps Challenge 2020 | National Winner, Global Nominee
- National Coding Olympiad 2021 | All India Rank 14
- Odyssey of The Mind | First Place at Regional Fair (National Level)
- Taekwondo Championships | Bronze Medal for 3 years, Played at nationals

SKILLS AND INTERESTS

Languages: English, Spanish, Hindi, Maithili

Technical: Java, C++/C, TypeScript, JavaScript (*Libraries / Frameworks:* React JS, NextJS, Prisma ORM), Python (*Libraries:* *numpy, pandas, nltk, PyTorch*), HTML, CSS (& Tailwind CSS), UNIX, SQL, Git, Vim, ZSH, **Data Structures, Algorithms.**