

Achintya Jha

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EDUCATION

Arizona State University

B.S. Computer Science, B.S Economics; GPA- 4.2; Dean's List (All semesters)

Tempe, AZ, USA

Dec 2025 / May 2026

Relevant Coursework: CSE 310: Data Structures & Algorithms, CSE 205: Object-Oriented Programming and Data Structures, CSE 230: Computer Organization & Assembly, CSE 240: Introduction to Programming Languages

College Activities: President of Sun Devil FinTech, Google Developer Student Club at ASU, DevilFish Robotics

Languages: English, Spanish, Hindi, Maithili

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

- Developed a minimal, high performing web data store with remote accessibility.
- Implemented features like read/unread, archives, and markdown support with preview.
- 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 supported by a 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.

SKILLS

Languages: Java, C++/C, TypeScript, **JavaScript**, **Python**, HTML, CSS (& Tailwind CSS), **SQL**

Libraries / Frameworks: React JS, Next.JS, Prisma ORM, Numpy, Pandas, NLTK, BeautifulSoup, SpringBoot

Developer Tools: UNIX, Git, Vim, ZSH, Data Structures, Algorithms.

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