

# ADITYA GANDHI

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## EDUCATION

**Georgia Institute of Technology**

August 2023 – August 2025 | Expected

**Masters in Computer Science**

**CGPA: 4.0/4.0**

Coursework: Database Systems Implementation, Network Security

**Pandit Deendayal Energy University (PDEU)**

August 2019 – May 2023

**B.Tech in Computer Engineering**

**CGPA: 9.86/10.00**

Coursework: Operating Systems, Computer Network, Advanced Web Technology, Big Data, Data Structure, AI, ML

## WORK EXPERIENCE

**Cling Multi-Solutions: (SDE Intern)**

January - June 2023

• **Tech-Stack:** ReactJS, SCSS, NextJS, AWS, REST API, NodeJS

*Pune, Maharashtra*

- Designed a **responsive website** for Yogyata company with dark mode, using **NextJS**.
- Spearheaded the development Cling-Connect admin portal for company publicity and broadcasting its courses, along with **API** Integration, using **ReactJS** framework. Utilized **AWS** platform for efficient resource handling.
- Led a team of 3 in comprehensive prototype testing, resulting in a **30%** reduction in overall workload

**eInfochips Organization: (Summer Intern)**

May 2022 - July 2022

• **Tech-Stack:** Django, ReactJS, Javascript, Python

*Remote*

- Enhanced search ranking by **34%** through **SEO** optimization, by utilizing Django and ReactJS.
- Worked on an analytic dashboard that keeps track of search words for future utilization to increase traffic.

## SKILLS

**Technical Skills:** C++, C, ReactJS, JavaScript, NextJS, HTML/CSS, Sass, Bootstrap, Tailwind, AWS, Git, Github, PHP, REST API, NodeJS, ExpressJS, Algorithms, Web Development, Machine Learning, jQuery, Python

**Organizational Skills:** Leadership, Communication, Teamwork, Testing, Problem Solving

## PROJECTS

**1. Portfolio Website | ReactJS, SCSS, Framer-Motion, tsParticles, Three.js** March 2023 - Dec 2023

- Constructed a personalized portfolio website through **ReactJS** framework. Deployed **tsParticles.js** library for an interactive background. Employed animations through **Framer-motion** library for enhanced user viewability.
- Included custom 3D Objects through the usage of **Three.js** library to showcase advanced web development skills.

**2. Productivity Booster Chrome Extension | Tailwind, Javascript, jQuery** July 2022 - April 2023

- Developed a Chrome extension for site blocking, content filtering, and timed limits utilizing **Chrome APIs, local Storage & JavaScript**. Implemented lightweight **JavaScript** and **jQuery** functions, utilizing existing **APIs** to efficiently fetch real-time metrics, assess **SEO** characteristics, and measure internet speed for the current page.

**3. Improved handwritten digit recognition using ANN |**

**Python, HTML/CSS, Bootstrap, NodeJS, ExpressJS, Rest API**

Dec 2021 - August 2022

- Developed a precise handwritten recognition model with a dedicated front-end, optimizing model selection through testing various models. Achieved accuracy of **98.55%** by using Adagrad optimizer with an **ANN** model. Integrated **Node.js** and **Express** for seamless back-end integration with **Rest APIs**, ensuring comprehensive functionality.

**4. OS Virtual Lab | Eclipse IDE, Java, Java Swing**

January 2020 - April 2020

- Developed a **GUI** for the graphical visualization of **6 Disk-scheduling and Page-replacement** algorithms.
- Functionalities like comparison of algorithms, description of their workings and a quiz were too developed.

## PUBLICATIONS

**1. Integrated Database Management System for Emergency Services | MySQL**

- Engineered an Integrated Database System linking police, medical, and fire brigade departments, notifying based on situation direness. Developed **MYSQL** queries for comprehensive personnel registration, interlinking all required departments. Crafted advanced **Relational, ER diagrams** for representing model flow. ([AIMV Conference](#))

## EXTRA-CURRICULAR ACTIVITIES

- ([LeetCode](#)): **Knight Badge** Achieved. **Highest ranking: 2045**. More than **1000** problems solved.
- **Led** the Publicity department and volunteered at 1st Artificial Intelligence and Machine Vision (**AIMV**) Conference hosted by **IEEE** at PDEU with over **100** paper presentations by international authors. ([Website](#))
- As **Event Management Head** at **HackerEarth PDEU Student Chapter**, I supervised a team to devise problems for and thus successfully executed 30% more - (**6**) hackathons in the university.