

[Aishwarya Nagaraj](#)

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EDUCATION

Master of Science, Computer Science

The University of Texas at Dallas, United States

May 2024
3.33/4.0 GPA

Bachelor of Engineering, Computer Science and Engineering

Visvesvaraya Technological University, India

July 2022
9.58/10.0 GPA

TECHNICAL SKILLS

Language : C, C++, Python, Java, PHP, HTML, CSS, JavaScript, JSON
Operating System : Linux, Windows
Tools/IDE : Jupyter Notebook, Codelabs, Pandas, Scikit-Learn, Git, Visual Studio
Worked On : Object Oriented Programming, SQL (MySQL, PostgreSQL), NoSQL (MongoDB), Node.js, React Native, Express.js, React, Next.js, React Native, REST API, SequelizeCLI, Docker, Tableau, Solidity and Blockchain, Unit Testing & Test-Driven Development, AWS, Postman, Agile Methods

PROFESSIONAL EXPERIENCE

Software Engineer Intern, 7-Eleven

June 2023 - Present

- Implemented changes to the database design to improve cart response time in Mobile checkout of 7-eleven app
- Enhanced and modularize the APIs to be used in 7-eleven and 7Now applications
- Designed and developed AWS Lambda functions to prevent Place order service timeout

Data Scientist – Volunteer, Code for America

August 2023 – Present

- Analyze arrest data for the city of Los Angeles, and incorporate data from other sources, to determine whether there are actions local leaders can take to address the problem of crime.
- Conducted in-depth Exploratory Data Analysis using Python to extract meaningful insights.

Software Engineer Intern, McKinsey & Company

February 2022 - July 2022

- Developed mobile application for lifestyle firm; utilized statistical methods to analyze improvement scenarios & enhance user experience by 5%
- Designed Mobile Screens & react native components, increased test coverage by 20%, attributed by unit testing
- Estimated to enhance revenues by 15%, with more than 60% of new homeowners using application

Student Developer Intern, Amphisoft Technologies

July 2019 - August 2019

- Managed team of 5 in developing Internship box using Python; presented insights to develop long-term organizational strategy; achieved an 8% reduction in hiring time of new interns
- Compared & documented advantages of deploying different data structures in regard to Time and Space complexity

ACADEMIC PROJECTS

NFT Market Place

- Built NFT marketplace using React native and incorporated Meta mask for authentication.
- Minted NFTs and encouraged purchases of NFT through third web, launched website with backend on sanity.io

Movie Search Engine

- Built Movie Search Engine using plot summaries, utilized NLTK for stop word removal and named entity extraction
- Implemented Tf-Idf and cosine similarity algorithm using MapReduce to find Document Correlation

IPL database management

- Combined features of ticket booking for matches & compare players' performances in different seasons from 2008-2019
- Created using HTML, CSS with bootstrap and JavaScript, gave performance b/w more than 80% of players

Course Work: Data Structures and Algorithms, Design and Analysis of Algorithm, Database Design, Computer Architecture, Machine Learning, Big Data, Information Security