

AMAN KSHETRI

Tamil Nadu, Chennai

+91 9387485916 [✉ chhetryaman3@gmail.com](mailto:chhetryaman3@gmail.com) [in linkedin.com/in/amankshetri](https://www.linkedin.com/in/amankshetri) [amankshetri.com.np](https://www.amankshetri.com.np) [GitHub](#)

EDUCATION

Amrita School of Engineering, Chennai, India

Sept 2021 - May 2025

Bachelor of Technology in Computer Science

CGPA: 7.85 / 10

- **Relevant Coursework:** Object Oriented Programming, Databases, Data Science, Cloud Computing, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Artificial Intelligence, Machine Learning

TECHNICAL SKILLS

Languages: Python, C/C++, Java, Javascript, SQL

Technologies & Tools: ReactJs, MongoDB, NodeJs, Numpy, Pandas, Streamlit, AWS, Git (Version Control), Bootstrap, CSS, HTML, Figma, Linux

Soft Skills: Team Work, Presentation, Communication, Leadership

PROJECTS

Spam SMS Classification | Python, RandomForestClassifierModel, Numpy, Pandas, Matplotlib, Streamlit [🔗](#)

May 2024

- Developed a **machine learning model** that detects & classifies spam and non-spam messages based on the textual data using Natural Language Processing.
- Implemented and tested different ML classifying models, among which RandomForestClassifier emerged as the best-performing model, providing consistent results on both training and test data with an **accuracy of 98%** surpassing every other model.
- Deployed the platform on the Streamlit and continuously optimized algorithms and infrastructure to enhance usability and performance, resulting in a **20% reduction** in server response time.

Movix App | ReactJS, Vite, JavaScript, TMDB API [🔗](#)

Dec 2023

- Created a fully **responsive web application** built using React and Redux that allows users to search for movies and TV shows, and view popular, trending, and upcoming releases on a daily and weekly basis, achieving a **99% uptime** during peak loads.
- Hosted the application on Vercel Platform generating the API calls from TMDB Database at a rate of **50 requests per second**.

TripZen | JavaScript, CSS, HTML and Bootstrap [🔗](#)

June 2023

- Developed a **comprehensive travel planner** platform with JavaScript, HTML, and CSS, facilitating intuitive journey creation through advanced destination search, date selection, tour package exploration, and an engaging trip photo gallery for **enhanced user experience**.
- Integrated the app on the GitHub Platform, utilizing its version control and collaboration, ensuring **accessibility** to users worldwide; facilitated a **30% increase** in project completion rates.

CERTIFICATIONS

AWS Academy Cloud Architecting: Mastered foundational concepts of Cloud Computing through hands-on labs and gained proficiency in utilizing AWS services.

Front End Development Libraries: Demonstrated expertise in utilizing Bootstrap, React, and Redux to build dynamic and responsive web applications.

Google Cloud Skills Boost: Completed Google Cloud's training program to enhance technical expertise in cloud computing through interactive Arcade Labs.

ACHIEVEMENTS / HONORS

- Achieved the prestigious **1st Place Rank** in Ui-timate 2023, emerging victorious in the **UI Design Challenge** conducted by Cognizance Amrita.
- Secured **Runner-Up** position in the highly competitive **Capture The Flag (CTF)** competition, CEPHEUS 2023, organized by IIT-Goa; demonstrated exceptional cyber security skills to outperform **150+ teams**.
- Acquired a valuable **sponsorship** worth USD 4,000 from Amazon Web Services - **AWS** for enrollment in the AI Programming Nanodegree Course along with **2,000 recipients** worldwide.
- Participated actively in the esteemed **Microsoft Learn AI Skills Challenge** held in August 2023.
- Contributed significantly to various open-source projects including **@Hacktoberfest 2022 & 2023**, **@GSSoC 2023**; attracted **90+ new developers** to the community.
- Completed the **Walmart SWE Virtual Experience Program** in July 2023, successfully solving the assigned technical tasks.

POSITIONS OF RESPONSIBILITIES

- **Mentor (Cognizance Amrita)** : Guided **100+ students** at Cognizance, **hosted CTF competitions**, and organized numerous events while monitoring the Cyber Security Domain for the **past 1 year**.