

Ankit Pal

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EDUCATION

- SRM Institute of Science and Technology** Chennai, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.59 July 2021 - June 2025
Courses: Operating Systems, Data Structures and Algorithm, Artificial Intelligence, Machine Learning, Computer Networking, Databases Management Systems, Web Development
- Delhi Public School** Nashik, India
12th Higher Secondary; Percentage: 84.4% April 2020 - May 2021
Courses: Science-PCM
- Delhi Public School** Nashik, India
10th Secondary; Percentage: 90% April 2018 - May 2019

SKILLS SUMMARY

- Languages:** C, Python, C++, JavaScript, SQL, HTML, CSS
- Frameworks:** React, Angular
- Tools:** Docker, GIT, MySQL, SQLite
- Platforms:** Linux, Web, Windows, Arduino, Raspberry, AWS, Oracle, Cisco Packet Tracer
- Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- SRM Hack Club- IOT Lead** Chennai
SRM Institute of Science and Technology August 2022 - June 2023
IoT Lead at SRM Hack Club, Led teams in developing and implementing IoT solutions, and handled workshops

PROJECTS

- Advanced Smart Home System with Cloud-hosted SQL Database (C++, Arduino, SQL):** Arduino hardware integrated with Cloud Database Enabling user to store a record of data in the cloud server using SQL. (April '24)
- DialogFlow-Powered Chatbot for Enhanced Guest Experience (Web Development, DialogFlow):** Created a Chatbot using DialogFlow for a Hotel booking website. (January '24)
- Teachers Database Portal with SQL Backend (Web Development, SQL):** Created a SQL Database for a Teachers Database for Recording the Course and Faculty Details. (October '23)
- Global Biodiversity Hotspot Mapper using Google Map API (Web Development, Python):** Created an interactive map that identifies global biodiversity hotspots based on species richness and conservation status. Overlay Google Maps with data from biodiversity databases and conservation organizations. (September '23)
- Real-Time Twitter Sentiment Tracking System (Machine Learning):** Developed a Twitter sentiment analyzer using Python. Leveraged libraries such as Tweepy for data collection, Pandas for data manipulation, NLTK and TextBlob for natural language processing, and Scikit-learn for machine learning. (December '23)

ACHIEVEMENTS

- Second Runner Up in Hackathon SRM Build 5.0:** Led a team to develop an innovative IoT solution.

CERTIFICATION

- Network Essentials:** Course for Network Essentials, covering foundational networking concepts, protocols, and configurations, essential for understanding modern network infrastructure.
- AWS Academy Graduate - AWS Academy Machine Learning Foundations:** Completed the AWS Academy Machine Learning Foundations course, acquiring essential knowledge in machine learning concepts, algorithms, and AWS services for building and deploying machine learning models
- AWS Academy Graduate - AWS Academy Cloud Foundations:** Completed the AWS Academy Cloud Foundations course, gaining comprehensive knowledge of core AWS services, cloud concepts, security, architecture, and deployment best practices
- Coursera-Machine Learning Specialization:** Learned Machine Learning Specialization, mastering foundational and advanced concepts in machine learning algorithms, techniques, and applications
- AWS Cloud Solutions Architect:** Completed training as an AWS Cloud Solutions Architect, specializing in designing and implementing scalable, secure, and cost-effective cloud solutions using AWS services

VOLUNTEER EXPERIENCE

- Design Executive at Cherry+Network:** As a design executive for a college club at Cherry+Network, I managed design projects, nurtured creativity, and ensured that visuals effectively aligned with the club's objectives and events.