

# CHANDAN DINESH NERALGI

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## PROFESSIONAL SUMMARY

Aspiring **software engineer** with a strong foundation in computer science, specializing in **AI and ML**. Proven experience in developing innovative solutions such as AI-powered data query systems and decentralized applications, enhancing efficiency and security.

Proficient in **Java, Python, web development, data science** and more. Eager to leverage my skills in **software development** and **machine learning** to deliver impactful solutions.

## SKILLS

**Programming Languages:** Java, Python

**Web Development:** HTML, CSS, JavaScript, Bootstrap, jQuery, NodeJS, ExpressJS, EJS, MySQL, GitHub

**Core Competencies:** Artificial Intelligence, Machine Learning, Data Structures and Algorithms, Computer Networking, Database Management Systems, Object-Oriented Programming, Data Science, Data Analytics, GenAI, API Testing with Postman

**Data Analysis & Machine Learning:** NumPy, Pandas, Matplotlib, Seaborn, Deep Learning, Natural Language Processing

**Soft Skills:** Team work, Analytical, Communication, Leadership

## EDUCATION

- B. Tech in Computer Science Engineering (Artificial Intelligence & Machine Learning)  
Dayananda Sagar University, Bangalore | CGPA: 8.75 | 2025
- XII (PCMCs) - M.E.S Pre-University College, Sirsi | 2021
- X (NCERT) - Ave Maria Highschool, Sirsi | 2019

## ACADEMIC PROJECTS

- QueryAI – An AI powered Data Query Interface** - [GitHub](#)
  - Developed an AI-powered data query interface utilizing Machine Learning, Generative AI and NLP to interpret and respond to complex queries, leading to a 20-30% decrease in query failure rates.
  - Improved data visualization capabilities, where 50% of time is saved in user query generation.
  - Broadened accessibility, enabling non-technical staff to retrieve data, increasing queries by 30-40%.
  - It can reduce data retrieval time by 50%, improves reporting accuracy by 20%, and cuts admin workloads by 15% for more efficient financial decision-making.
- Decentralized File Sharing System** - [GitHub](#)
  - Built a blockchain-based system for secure sharing with AES encryption, cutting unauthorized access by 40%.
  - Integrated IPFS technologies to reduce reliance on centralized servers by 40% and for risk management.
  - Streamlined file sharing operations, leading to a 20-30% reduction in file access times for authorized users
- Sentiment Analysis – Amazon Fine Food Reviews** - [GitHub](#)
  - Built a sentiment analysis model for 500,000+ Amazon fine food reviews.
  - Used NLP techniques and machine learning classifiers to provide actionable insights on customer satisfaction.
  - Succeeded in achieving over 85% accuracy in predicting review sentiment polarity.
  - Delivered insights on customer satisfaction and product performance which leads to increase in sales by 20%.

## CERTIFICATIONS

- Complete JAVA and DSA by Apna-College
- Crash Course in ML by Great Learning
- Introduction to Data Science by Infosys
- Introduction to AI by Infosys
- DevTown AI Bootcamp
- Microsoft Learn Student Ambassador
- HackerRank CSS Clearance Certificate

## ACHIEVEMENTS

- 3 times Karnataka State Level Ball Badminton Player
- Pre-Finalist team in Woodpecker Hackathon

## EXPERIENCE

Fresher

## LANGUAGES KNOWN

Kannada | English | Hindi