

# KARAN CHAWLA

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## EDUCATION

**Manipal Institute Of Technology**, Manipal, Karnataka-576104

October 2021- June 2025

B.Tech in Computer And Communication

-7.42 CGPA (After 6th Semester)

**Relevant Courses:** Data Structures, Object Oriented Programming, Database Systems, Data Mining and Predictive Analysis, Machine Learning, Soft Computing with Paradigms, Artificial Intelligence, Computer Vision, Cloud Computing

## SKILLS

**Programming Languages/ Tools**      Java, JavaScript, Python, HTML/CSS, C, C++, SQL, Figma

## EXPERIENCE

- **Data Science Intern** May 15th 2024 - July 12th 2024  
*CyborgIntell*
  - Developed an end-to-end credit underwriting pipeline for classifying Business and Salaried customers as risky or non-risky.
  - Conducted EDA, derived new features, and performed vintage and roll rate analysis to set DPD buckets and the performance window.
  - Trained and validated predictive models, created a risk score from risk probabilities, and recommended thresholds for approval, rejection, and review.
- **PowerApps Development Intern** June 19th 2023 - July 21st 2023  
*Maarga Systems*
  - Designed an inventory management system to efficiently track and monitor product flow using Microsoft PowerApps.
  - Developed a custom-trained chatbot using Microsoft Power Virtual Agent for keyword-based searches with preprogrammed responses linked to the company database.
  - Trained an AI model to automatically populate relevant fields in the ordering system from scanned documents.

## PROJECTS

- **Unwind Web Application** -Qualified for Final Round of M# Hackathon
  - Developed a web app within 36 hours to improve mental health through anonymous chats in custom-built rooms.
  - Added mood-boosting features like Spotify playlists and genre-based movie recommendations.
- **Football Management System**
  - Built a football management site with four modules, Administrator, Team Owner, Manager and Player along with tasks like team selection, player lists, and field choice.
  - Integrated multiple software tools and used an Oracle database as the back-end.
- **Health And Fitness Web Tracker**
  - Created a health app using APIs, Python pose estimation, and OpenCV for workout tracking.
  - Features include a workout generator, food planner, hydration notifications, and form-checker.