

# CHETHAN KUMAR K

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## SUMMARY


Motivated and detail-oriented Computer Science Engineering student specializing in Artificial Intelligence and Machine Learning (AIML). Passionate about building intelligent systems, exploring AI-driven solutions, and applying machine learning techniques to real-world problems. Actively involved in data analysis, model development, and collaborative tech projects. Seeking opportunities to apply technical knowledge, contribute to innovative AI applications, and grow as an AIML professional.

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## ACADEMIC PROFILE


### Bachelor of Technology (B.Tech) in Computer Science and Engineering – AIML

Garden City University, Bangalore

 Nov 2022 – Present

### Pre-University Education (Class 12)


Sri Venkateshwara pu college, Karnataka Secondary Education Examination Board

 2020 – 2022

- Secured 69% overall
- Core Subjects: Physics, Chemistry, Mathematics, Computer Science
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### High School (Class 10)

SM english school, Karnataka Secondary Education Examination Board

 2019 – 2020

- Secured 72% overall

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## CERTIFICATIONS & ACHIEVEMENTS

- Certified in Python and C++ programming with over 50+ hours of hands-on coding practice and mini-project implementation
- Completed Coursera course on Presentation Skills, improving delivery confidence and communication effectiveness by 80% in technical presentations
- Delivered 10+ technical presentations on topics such as machine learning algorithms, deep learning applications, AI in healthcare, and natural language processing, showcasing strong research and communication skills to peer and faculty panels

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## SOFT SKILLS

- Time Management – Effectively managed 6+ academic projects while maintaining an 85% GPA
- Communication Skills – Demonstrated clarity in delivering over 10 presentations
- Team Collaboration – Successfully collaborated in teams of 4–6 members on development and research projects, ensuring timely and quality outcomes
- Problem-Solving – Applied analytical thinking to debug and optimize code, reducing run-time errors by up to 20% in project implementations

# TECHNICAL SKILLS

- Programming Languages: Python, C++
- Web Technologies: HTML, CSS, JavaScript
- Database Management: MySQL
- Tools & Platforms: Visual Studio Code, Git & GitHub
- Concepts: Full Stack Development, Machine Learning, Deep Learning, Natural Language Processing (NLP), Neural Networks, Data Preprocessing

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# PROJECTS

## Online Examination System

Developed a dynamic web-based platform for online assessments, improving testing efficiency for both teachers and students.

- Frontend: HTML, CSS, JavaScript
- Backend: [Specify – e.g., Node.js, PHP, or Python Flask]
- Designed and implemented a responsive UI increasing mobile usability by 40%
- Enabled quiz creation, auto-grading, and real-time score tracking for over 100+ users
- Integrated a results dashboard displaying performance metrics and attempt analytics
- Enhanced user experience with a clean, interactive layout and intuitive navigation

## Pet Care Full Stack Web Application

Built an end-to-end pet care management system to streamline pet healthcare and appointments for pet owners and veterinarians.

- Frontend: React.js, HTML, CSS, JavaScript
- Backend: Node.js (Express.js)
- Designed and deployed a full-stack app used by multiple user roles (pet owners, vets)
- Implemented secure login and profile management for over 10+ test users
- Enabled tracking of pet medical history with editable profile features
- Developed appointment booking module, reducing scheduling time by 40%
- Integrated veterinarian directory with live search and filtering
- Set up payment gateway integration using Stripe for secure transactions

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# DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.