**Chethan G**

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# EDUCATION

**Master of Computer Applications**, VTU 2022 - 2024

Acharya Institute of Technology : CGPA 9.7/10

**Bachelor of Computer Applications**, Kuvempu University 2019 - 2022

Sahyadri Science College : CGPA 7.78/10

**PU (12th)**, Karnataka Pre-University 2017 - 2019

MDF INDP PU College : CGPA 7.26/10

**SSLC (10th)**, CBSE 2013 - 2016

Hongirana School of Excellence : CGPA 8.2/10

# PROFESSIONAL EXPERIENCE

# Data Analyst Intern | IBM-Edunet Foundation (Nov 2023 - Dec 2023)

# Conducted data analysis and predictive modelling using IBM Cloud Platform and Watson Studio

# Developed and implemented a mobile price classification model achieving significant accuracy rates

# Utilized IBM Skills Build platform to enhance proficiency in AI and cloud technologies

# Collaborated with team members to analyse complex datasets and generate actionable insights

# PROJECTS

[**Safe Haven: Gas Leakage Detection and Response System**](https://github.com/ChethanG04/Safe-Haven-Gas-Leakage-Deection-and-Response-System-.git)

* Engineered an IoT-based safety system using NodeMCU and MQ-2 sensor technology.
* Implemented automated power cut-off mechanism and Telegram integration for remote notifications.
* Reduced potential emergency response time by 60% through instant alert system.

[**Cost-Efficient Home Surveillance System**](https://github.com/ChethanG04/My-Project.git)

* Designed and implemented a surveillance system using Raspberry Pi 4 and Python.
* Developed custom monitoring algorithms for enhanced security detection.
* Achieved 40% cost reduction compared to commercial surveillance solutions.

[**Mobile Price Classification**](https://github.com/ChethanG04/Mobile-Price-Classification.git)

* Developed a machine learning model for predicting mobile phone price categories
* Implemented data preprocessing and feature engineering techniques
* Achieved 85% prediction accuracy using optimized algorithms

[**Working Basic Analogue Clock using HTML and CSS**](https://github.com/ChethanG04/Web-Development.git)

* Created a responsive web-based clock interface using HTML5 and CSS3.
* Implemented custom animations for smooth hand movements.
* Developed cross-browser compatible solution with optimized performance.

# TECHNICAL COMPETENCIES

# Programming Languages: Java, C, C++, Python

# Cloud & DevOps: AWS, DevOps, CI/CD, GitHub

# Web Technologies: HTML, CSS

# Database: SQL

# Tools: MS Excel, Figma, Canva

# Soft Skills: Team Management, Leadership, Incident Management, Troubleshooting, Stakeholder Management

# CERTIFICATIONS

# AWS Academy Cloud Foundations

# DevOps on AWS

# Database Management System (NPTEL)

# Software Engineering: UML Modeling

# IBM Cloud Solutions

# Core Java (Internshala)

# Web Development (AICSM)

# AREA OF INTEREST

* Cloud Computing
* Internet of Things
* Operating Systems
* Web Technologies
* Network Infrastructure
* Team Leadership

# EXTRA-CURRICULAR ACTIVITIES

* + UI/UX Design using Figma
  + Digital Content Creation
  + NFT Creation on OpenSea platform
  + Agile Project Management