

# Chethan S P

AI Engineer | Data Scientist | ML Engineer | DevOps Specialist

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## SUMMARY

Results-driven AI & DevOps Engineer with hands-on experience in infrastructure automation, intelligent system design, and AI tooling. Proficient in Python, CI/CD pipelines, Docker, GPT based models, and data analysis workflows. Proven ability to build internal tools, automate deployments, and enhance system reliability through real-time dashboards and automation scripts. Seeking impactful roles in AI Infrastructure, DevOps, or MLOps domains.

## TECHNICAL STACK HIGHLIGHTS

- Python, C++, Java | CI/CD, Docker, Kubernetes, Git | Django, Streamlit
- PostgreSQL, MySQL, MongoDB | Pandas, NumPy, Scikit-learn, Transformers
- OpenCV, Mediapipe, Power BI | Apache Spark, Hadoop | Bash, Linux

## INTERNSHIP EXPERIENCE

### Graduate Technical Intern - DevOps Engineer

Oct '24 — Jun '25

Intel Corporation

Bengaluru, India

- Developed a custom GPT-based chatbot to streamline team workflows and handle internal queries.
- Built and maintained a Django dashboard with multi-level tables and live graphs for server health metrics.
- Analyzed server bring-up data to identify failure patterns, contributing to a 50% reduction in system recovery time.
- Deployed Linux-based CI/CD automation scripts to optimize DevOps pipelines.

### Data Science Intern

Oct '23 — Nov '23

CodesOnBytes

Remote, India

- Built structured datasets using public APIs; cleaned and processed large datasets using Pandas and NumPy.
- Performed EDA and created data visualizations with Seaborn & Matplotlib to uncover user behaviour trends.
- Designed feature pipelines for ML readiness and performed anomaly detection on streaming content.

## PROJECTS

### Internal ChatGPT Deployment, Intel Corporation

- Designed and deployed a secure microservice-based GPT chatbot for team workflows using Python, Node.js, PostgreSQL, Docker, and Streamlit.

### Aspect-based Sentiment Analysis, New Horizon College of Engineering [Link](#)

- Built a product review sentiment classifier using dependency parsing and polarity scoring. Achieved >87% accuracy.

### Virtual Drawing Using Machine Learning, New Horizon College of Engineering [Link](#)

- Built a gesture-controlled drawing tool using OpenCV and Mediapipe for real-time hand tracking. Enabled intuitive UI navigation with finger gestures to draw, clear the canvas, and select tools.

### Skin Lesion Classifier [Link](#)

- Developed a hybrid deep learning model integrating CNNs for image data and MLPs for patient metadata to accurately classify skin lesion types.

## EDUCATION

### B.E/B.Tech in Artificial Intelligence & Machine Learning, New Horizon College of Engineering

2021 — 2025

| GPA: 9.73/10.00

Bengaluru, India

- Pursued a comprehensive curriculum in Artificial Intelligence and Machine Learning with focus on data science, deep learning, computer vision, and intelligent system design.

### Pre-University (Class XII), SBGNS Rural Composite PU College | GPA: 99.50%

2021

Chikkaballapura, India

- Studied Physics, Chemistry, Mathematics, and Biology with a strong emphasis on analytical problem-solving and foundational scientific principles under the NCERT curriculum.

### SSLC (Class X), BGS Rural English School | GPA: 99.52%

2019

Chikkaballapura, India

- Completed secondary education with distinction, focusing on core subjects including Mathematics, Science, and English under the Karnataka State Board curriculum. applications on edge devices.

## CERTIFICATIONS

[Generative AI Leader](#), Google cloud

[Full Stack Web Development \(MERN Stack\)](#), Prepinsta

[Foundations: Data Analytics](#), Google

[Programming for Everybody \(Getting Started with Python\)](#), Coursera

[Python Data Structures](#), Coursera

[Programming In Modern C++](#), VTU

## ACHIEVEMENTS

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### **District 3rd place**

Science talent examination - Government of India

### **State 4th Rank**

SSLC (Class X) state-level exam - Government of Karnataka

### **Quantum X Hackathon 2023**

New Horizon College of Engineering

Developed a route optimization prototype using Google Maps API and Dijkstra's algorithm.

### **Distinction in Drawing Grade Higher Examination**

KSEEB

### **FKCCI Manthan, Innovation and Business Plan Competition-2024**

FKCCI Manthan

Finalist in the FKCCI Manthan Innovation & Business Plan Competition 2024 for developing a business model aimed at creating a beggar-free India.

### **NVIDIA Jetson Ambassador Workshop Program**

Nvidia

Selected participant for the NVIDIA Jetson Ambassador Workshop, gaining hands-on experience in deploying deep learning applications on edge devices.

## INITIATIVES & VOLUNTEERING

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- Co-facilitated a workshop on NVIDIA Jetson kit, teaching students how to get started with Jetson and run deep learning programs on it.
- Participated in community service programs, such as blood donation camps, Swachh Bharat Abhiyan, and social awareness drives.
- Participated in local art competitions and exhibitions and contributed artwork for campus events and exhibitions, receiving positive feedback and recognition.