

NITHIN KV

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Summary

Final-year Computer Science student with strong foundations in Java and Python. Seeking an entry-level position to utilize technical skills and project experience to contribute and innovate solutions in progressive organization. Quick to learn, and a proactive on delivering high-quality software and achieving project success.

Skills

Programming Languages: Java, Python, HTML, SQL

Data Visualization Tools: MS Excel, Matplotlib, MySQL, VS Code, Eclipse

Soft Skills: Leadership, Problem Solving, Decision Making, Responsibility, Creativity, Communication, Error Handling, Project Management.

Education

Rajeev Institute of Technology, Hassan

Bachelor of Technology in Computer Science
Karnataka, India

Nov 2022 – Aug 2026

CGPA: 8.2 / 10

Pre – University (PU) in PCMB, Sringeri

BGS PU College
Karnataka, India

July 2020 – Mar 2022

Percentage: 92.5

Projects

Hospital Management System | Java, MySQL

Oct 2024 – Dec 2025

- Developed a comprehensive system to streamline hospital operations, enhance patient care, and optimize resource utilization.
- Utilized Java, Python, and SQL for backend development, with MySQL/PostgreSQL for secure and efficient data management.
- Integrated cloud platforms (AWS, Azure) for scalability and reliable performance.
- Followed complete SDLC phases — requirements analysis, system design, development, testing, deployment, and continuous monitoring.

AI-Powered SMS Spam Detection | Python

July 2025 – Aug 2025

- Developed a mobile application using Flutter and TensorFlow Lite to classify SMS messages as spam or legitimate in real-time.
- Implemented Natural Language Processing (NLP) techniques — text cleaning, tokenization, and TF-IDF feature extraction for accurate message classification.
- Designed the application for offline functionality, ensuring privacy by processing all data on-device without sending messages to external servers.
- Achieved a low-latency detection pipeline (<1s per message) with minimal battery and memory usage.

Certifications

- **Fundamentals of Java Programming – Infosys Springboard:** Gained knowledge in object-oriented programming (OOP) concepts, data types, control structures, methods, and basic exception handling.
- **Python for Beginners – Simplilearn:** Mastered fundamental Python syntax, proficiently utilizing control flow, loops, functions, and data structures.
- **Data Science – PreplInsta:** Gained hand-on experience in data collection, cleaning, and preprocessing, performing exploratory data analysis (EDA).
- **Automation Developer Associate Training for ICT Academy – UiPath:** Learned to design, build, and deploy automation workflows using UiPath Studio and related tools.