

Dinesh Komara

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[HackerRank](#) | [Leetcode](#) | [GitHub](#) | [LinkedIn](#) | [GeeksforGeeks](#) | [CodeForces](#)

SUMMARY

Proactive and results-oriented Data Engineer with experience in building high-throughput, fault-tolerant data pipelines. Skilled in Python, Java(Basic), and SQL, with practical experience in ETL development, data modeling, and using cloud services like AWS. A team player with a strong grasp of Agile methods and a commitment to writing clean, well-tested code.

EXPERIENCE

Software Developer Engineer Intern | Amazon | Jan 2025 – June 2025

Automated a critical data pipeline (DAX/Mainline) by establishing baseline values and validating them to ensure successful load tests, improving efficiency and reliability. Contributed to a high-throughput system by ensuring data integrity and consistency.

PROJECTS / OPEN-SOURCE

INTELLIGENT MEDICAL ASSISTANT CHATBOT USING THE LLM

Developed a medical chatbot using an LLM and vector embeddings to provide medical advises in multiple languages. the system delivers visual guidance for emergency procedures like CPR using GIFs and images, demonstrating an understanding of data types and delivery methods.

WATERMARK APPLIER

Built a tool for embedding watermarks in documents, PDFs, and images, demonstrating experience in handling different file types and ensuring data authenticity. This showcases practical knowledge of data management and security.

WIRELESS SOUND CONTROL SYSTEM

Created a system for wireless sound control via hand movements, demonstrating a creative approach to user interaction and data processing from a non-traditional source.

SKILLS

Programming Languages:	Python, Java, SQL, C
Data Engineering:	ETL Development, Data Modeling, Data Streaming, Spark, Hive
Cloud & DevOps:	AWS (EC2, API Gateway, Lambda, DynamoDB), CI/CD, RESTful APIs
Tools & Platforms:	Jupyter Notebook, VS Code, Git, GitHub
Databases:	MySQL, DynamoDB
Libraries/Frameworks:	Pandas, Numpy, Mat plot, Keras

EDUCATION

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

Bachelor of Engineering in Computer Science and Engineering (AI & ML) | July 2021 – July 2025 Chennai, India | GPA: 9.4

CERTIFICATIONS & ACHIEVEMENTS

Introduction To Operating System(NPTEL)

Machine Learning With Python(1StopAi, MATLAB)

Space Science and Technology Awareness Training (ISRO)

Best project of the university([Intelligent Medical Assistant Chatbot Using The Llm](#))

Top 10 Ranker of the University ([Link](#))

ADDITIONAL

LANGUAGES: Telugu, English, Hindi

HOBBIES : Playing Games, Reading Books, Browsing net