ABHILASH KURUNELLI

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Education

GNITC–Guru Nanak Institutions Technical Campus   *Hyderabad*

Bachelor of Technology – Computer Science and Engineering   *Oct 2022 – Jun 2025*
(AI&ML) - CGPA: 7.6/10

- Relevant Coursework: Programming, Data Structures & Algorithms, Software Engineering, Web Development, Databases, Operating Systems, Computer Networks, Machine Learning.

Experience

Full Stack Web Development Intern   *Jan 2025 – Mar 2025*

Suvidha Foundation.   *Hyderabad*

- Built and deployed scalable full-stack applications using Python, SQL, HTML, and CSS, designing user-centric interfaces.
- Optimized backend performance by 20% through targeted efficiency techniques, improving system responsiveness.
- Participated in code reviews, applied feedback, and followed best practices in Git for version control.

Python Intern   *Dec 2023 – Feb 2024*

Bharat Technologies.   *Virtual*

- Engineered and deployed scalable backend services using Python(Django), Improving request handling-speed by 35%.
- Collaborated in a 5-member team using Git for version control, improved code review efficiency by 20%.
- Acquired expertise in creating user interfaces, increased front-end performance for an estimated user.

Projects

Rent Your Needs | Python, Django

- Designed a full-stack rental platform "Rent Your Needs" that supported 100+ item listings and 200+ user interactions during initial testing.
- Leveraged HTML, CSS, and SQL to develop a user-friendly and interactive system for rental management.
- Structured database schemas in PostgreSQL, enabling queries to run 40% faster for rental history and profile management.

Heart Disease Prediction Using Decision Tree | Machine Learning, Python

- Implemented a Decision Tree Algorithm using Python to predict heart disease likelihood based on a dataset of 300 patient attributes, achieving enhanced interpretability.
- Gained hands-on experience with Decision Tree Algorithm and Python. applying them to real-world problems.
- Remodeled a predictive model using decision trees to estimate heart disease risk with 95% accuracy based on patient attributes.

Smart Employee Manager

- Constructed a full-stack task manager with secure authentication and CRUD APIs utilizing Python and MySQL for robust data management.
- Streamlined SQL queries with indexing, improving task retrieval speed by 40% for seamless customer-facing application performance.

Technical Skills

Programming Languages: Python, Java, C.
Web Development: HTML, CSS.
Databases: MySQL, PostgreSQL.
Tools: GitHub, VS Code, IntelliJ IDEA, PyCharm.

Core Concepts: Data Structures and Algorithms, Object Oriented Programming (OOP), Operating Systems, Networking, Databases, Software Development Life Cycle (SDLC).
Soft Skills: Problem-solving, Collaboration, Leadership

Achievements & Certifications

- Solved 500+ DSA problems on platforms like LeetCode, GeeksforGeeks CodeChef, and HackerRank.
- Completed Salesforce Developer Certification (SmartInternz), gaining practical knowledge of Salesforce CRM customization and workflows.
- Certified in Basic and Intermediate Coding Challenges (HackerRank).