Om Santosh Karadkar

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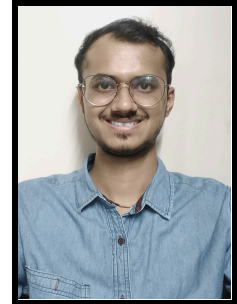
Objective :
Seeking a responsible position in an organization, which gives me a chance to improve knowledge, enhance my skills and enable me to strive towards the overall development of the organization.

Education Qualification :

Standard	Institute/ College	Year	Percentage / CGPA	Class/Grade
BTech, Computer Engineering	Vishwakarma Institute of Information Technology, Kondhwa, Pune	2022 - 2026	8.5(Latest CGPA)	First class with distinction
12th HSC	Arihant Education Foundations Arts,Science & Commerce College, Pune	July 2020 - March 2022	85%	First class with distinction
10th CBSE	Sarhad School, Katraj, Pune	April 2019 - May 2020	91.6%	First class with distinction

Highlights :
- Experience in application development using C, C++, Java, Python
- Experience in algorithm designing.
- Sound knowledge of operating system internals.
- Good analytical and problem solving skills.

Technical Skills :
- Procedural language :   C programming
- Object Oriented Programming :   C++ programming, Python
- Virtual machine based Programming :   Java programming
- Web Technologies :   HTML/HTML5, JavaScript
- IDE and Tools :   Visual Studios, IntelliJ
- Version Control :   GIT
- Database :   PL/SQL(oracle), MySQL

Technical Projects:

Project name : Customized Virtual File System
Technology: C programming language
Description: Replicated Linux file system functionality, including commands and system calls, with a customized shell and data structures like Incore Inode Table and File Table, UAREA, and User File Descriptor Table.

Project name : File Packer/Unpacker with Encryption
Technology: Java programming language
Description: Packed multiple files into one with metadata, and unpacked them with encryption/decryption. Includes a GUI for user interaction.

Project name : Generalized Data Structures Library
Technology: C++ programming language
Description: Library with generic implementations of various data structures, supporting both linear and non-linear types with object-oriented design.

Project name : Chat Messenger
Technology: Java programming language
Description: Peer-to-peer chat application using Java sockets with a logging feature. Platform and architecture independent.

Git repository of projects: https://github.com/Om-Santosh-Karadkar?tab=repositories

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Courses and Certifications :

- **Data Structures and Algorithms -** Infosys Springboard
- **Fundamentals of Computers -** AstroMediComp
- **The Complete Python Bootcamp From Zero to Hero in Python -** Udemy
- **Complete UNIX & Linux OS Fundamentals Training -** Infosys Springboard

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Extracurricular Activities / Leadership skills :

- CyberCell VIIT - Joint Publicity Head
- IoT Forum VIIT - Joint Publicity Head

The above mentioned information is authentic to the best of my knowledge.
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