

Abhinandan Patil

Pune, Maharashtra

+91-9823858199

abhinandan8199@gmail.com

<https://www.linkedin.com/in/abhinandan-patil-738149284>

Master of Computer Applications graduate with fundamental knowledge of Software design, development and testing. Seeking to utilize broad educational background with excellent analytical, technical and programming skills to thrive as an entry level software development.

EDUCATION

Chhatrapati Shahu Institute of Business Education and Research
MCA - CGPA – 6.60 Percentage – 69.13%

NOV 2022 – OCT 2024
Kolhapur, India

Institute of Management & Rural Development Administration
BCA - CGPA – 8.94 Percentage – 84.40%

AUG 2019 – JUN 2022
Sangli, India

SKILLS

Languages: Java, Python, C, C++, HTML, CSS, JavaScript, SQL
Developer Tools: VS Code, IntelliJ Idea Ultimate, Pycharm, GitBash.
Technologies/Frameworks: GitHub, Git, Postman.
Key Skills: OOPS, DBMS, Data Structures, SpringBoot, Hibernate, Version Control.

PROJECTS

Notepad model

MAY 2021

- Designed and implemented the GUI using Java Swing and AWT components like JTextArea, JMenuBar, JFileChooser, etc.
- Implemented file operations such as New, Open, Save, and Save As using file handling in Java.
- Added Edit features: cut, copy, paste, select all, and undo functionality.
- Ensured user-friendly interface and responsive design across screen sizes.

Tools & Technologies: Java, Swing, AWT, IntelliJ, OOP principles, File I/O.

Encryption/Decryption model

AUG 2023

- Designed an intuitive GUI using Tkinter with input fields, buttons, and file dialogs.
- Implemented **symmetric encryption** using Python's cryptography or Fernet module.
- Added functionality to encrypt/decrypt text input or files.
- Ensured secure key generation and safe key storage practices.
- Handled user input validation and added error messages for invalid operations.

Tools & Technologies: Python, Tkinter, Cryptography module.

E-commerce website for Flower Shop

AUG 2024

- Designed responsive front-end pages using **HTML5**, **CSS3**, and basic **JavaScript**.
- Implemented **server-side scripting** using **PHP** to handle user registration, login, product listings, and order processing.
- Developed **MySQL database** schema to store product data, user information, and order history.
- Built an **admin dashboard** for managing flowers, categories, prices, and customer orders.

Tools & Technologies: HTML, CSS, PHP, MySQL, XAMPP, phpMyAdmin, Git.

CRUD Operation Model

JAN 2025

- Developed RESTful APIs in Spring Boot for CRUD operations on student data
- Utilized Hibernate for ORM to interact with the MySQL database
- Created dynamic front-end using React for real-time interaction
- Integrated front-end and back-end using Axios for seamless data flow
- Performed validation and error handling for secure and reliable input

Tools & Technologies: Spring Boot, Hibernate, MySQL, ReactJS, Postman, Git.

CERTIFICATIONS

Core Java-Udemy

- Completed a comprehensive course covering core Java concepts including OOP principles, data structures, exception handling, file I/O, collections framework, multithreading, and JDBC. Built multiple real-world Java applications and gained hands-on experience with Eclipse/IntelliJ IDEs.

Skills Acquired: Core Java, Object-Oriented Programming, File Handling, Collections, Debugging, Basic SQL with Java.

Python Botcamp- Udemy

- Successfully completed an in-depth course on Python programming, covering core concepts such as variables, data types, control structures, functions, object-oriented programming, file handling, error handling, and libraries like NumPy, Pandas, and Matplotlib.
- Developed several mini-projects and real-world applications to strengthen hands-on coding skills.

Skills Acquired: Python Basics, OOP, File I/O, Libraries (NumPy, Pandas, Matplotlib).

SQL Botcamp- Udemy

- Completed a hands-on SQL course focusing on writing efficient queries, joining multiple tables, filtering data, using aggregate functions, and performing complex data analysis. Gained practical experience with relational databases like MySQL and learned how to extract insights from large datasets.

Skills Acquired: SQL Queries, JOINS, GROUP BY, Subqueries, Data Filtering, Aggregation, MySQL/PostgreSQL, Database Design.

Git & GitHub- Udemy

- Completed a practical course covering version control using Git and collaboration with GitHub. Learned how to track changes, manage branches, resolve merge conflicts, and work with remote repositories. Gained hands-on experience in real-world workflows like pull requests, forking, and contributing to open-source projects.

Skills Acquired: Git CLI, Version Control, Branching & Merging, GitHub Repositories, Pull Requests, Conflict Resolution, Open Source Contribution.