

# KARTIK CHAURASIYA

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## PROFILE

I'm Kartik Chaurasiya, an IT engineering graduate with a B.Tech from Vivekanand Education Society's Institute of Technology, completed between May 2019 and May 2023. I enjoy solving problems and working with technology to create useful solutions. My studies have given me a solid base in IT, and I'm excited to use my skills in a professional setting. I love working in teams, learning new things, and doing my best in every task I take on.

## TECHNICALS

- Python, SQL, Java, C
- HTML, CSS
- Flask, Java Swing, SQLite3
- MySQL, Git
- Problem Solving
- Time Management, Team work

## LANGUAGES

- English
- Hindi
- Marathi

## EDUCATION

- **Bachelor of Engineering** 2019 - 2023

Vivekanand Education Society's Institute of Technology  
CGPA : 7.9/10

- **HSC** 2017 - 2019

R. J College of Arts, Commerce and Science  
Percentage : 74.2%

- **SSC** Until 2017

Theresa High School  
Percentage : 85.4%

## PERSONAL PROJECTS

### Bank Management System

Java, SQL, Java swing

- Built a Bank Management System using Java Swing and SQL, enabling account creation, transactions, and balance inquiries.
- Designed a user-friendly GUI with Java Swing for seamless login, account management, and transaction processing.
- Integrated MySQL database to securely store and manage customer and transaction data with optimized SQL queries.
- Applied OOP principles in Java for modular, scalable code, enhancing system performance and maintainability.
- Tested and debugged the application to ensure reliability, security, and smooth user experience.

### Tshirt Labs

HTML5, CSS, Flask, SQLite3, Jinja2

- Developed a Customized T-Shirt Online Store using HTML5, CSS, Flask, and SQLite3, enabling users to design and purchase personalized t-shirts.
- Designed dynamic web pages using Jinja2 templating engine with HTML5 and CSS, ensuring responsive and user-friendly interfaces for seamless navigation.
- Implemented backend functionality with Flask and SQLite3 to manage product customization, user data, and order processing with efficient database queries.
- Enhanced security and performance by integrating secure data handling practices and optimizing Flask routes for faster response times.
- Ensured cross-platform compatibility by testing and refining the application for consistent performance across browsers and devices

## INTERESTS

- Travelling
- Badminton
- Mythology

## User Review System

**Python, Flask, HTML, SQLite3**

- Built a desktop app to track transactions, budgets, and visualize spending patterns.
- Designed SQLite database for efficient storage and retrieval of financial data.
- Created intuitive GUI with CustomTkinter for seamless user interaction and data entry.
- Used Pandas and Matplotlib to generate reports and visualize category-wise expenses.

## Personal Finance Manager

**Python, CustomTkinter, SQLite, Pandas, Matplotlib**

- Built a web application for user authentication and feedback submission using Flask.
- Implemented SQLite database to store and manage user reviews securely.
- Designed login system with session management for secure user access control.
- Created responsive HTML templates for login and feedback submission interfaces.

## Green Screen Remover

**Python, OpenCV, Numpy**

- Developed a real-time green screen removal tool using OpenCV and NumPy.
- Implemented HSV color space filtering to isolate and remove green backgrounds.
- Created trackbars for dynamic adjustment of HSV thresholds in real-time video.
- Recorded processed video output to MP4 format using OpenCV's VideoWriter.

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## CERTIFICATIONS

- Python Course for Beginners by Scaler
- Java Course for Beginners : Mastering the Fundamentals by Scaler
- SQL Basic Certificate by HackerRank

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## ACHIEVEMENTS

- Java Silver Badge (4-star) by HackerRank
- SQL Silver Badge (4-star) by HackerRank
- Python Silver Badge (3-star) by HackerRank