

# Shrutika Hilale

<https://shrutikahilale.github.io/Personal-Portfolio>

Email : shrutikahilale8@gmail.com

Mobile : +91-7972869754

## EDUCATION

---

- **Vishwakarma Institute of Technology** Pune, India  
*Bachelor of Technology in Computer Science; GPA: 9.98* *June. 2020 – May. 2024*

## EXPERIENCE

---

- **Innobytes** Pune, India  
*Final Year Project Sponsorship - Ecom App using Recommendation System* *Jan 2024 - May 2024*
  - **Flutter:** Flutter is an open-source UI software development toolkit created by Google for building natively compiled applications for mobile, web, and desktop from a single codebase.
  - **Firebase:** We utilized Firebase for database functionality, storing comprehensive data regarding both users and products. Additionally, we leveraged Firebase authentication services for seamless user authentication.
  - **Python Server Integration:** We developed a Python Flask server, utilizing Scikit-learn and TF-IDF vectorizer libraries for efficient text analysis and feature extraction. Employing K-means clustering, we grouped products based on their names and descriptions. Additionally, we created two API endpoints ("/featureProducts" and "/recommendedProducts") to fetch personalized product recommendations for users in our app.
- **Bajaj Finserv Health Limited** Pune, India  
*Software Development Engineer in Test (Intern)* *July 2023 - Present*
  - **UI Automation:** I have worked on the DRx App UI automation using frameworks like Appium and TestNG. Regression testing is set up on a cloud-based platform called LambdaTest. Additionally, I conducted a proof of concept (POC) for iOS automation using the same setup within the project.
  - **API Automation:** I contributed to the Automation Reports project, enhancing various reports such as "Performance Metrics Reports," "CEM Reports," and "DRx API Failure Reports".
  - **Parallel Test Execution:** I implemented parallel test execution using YAML pipelines, significantly reducing the regression time for the DRx App from 6.5 hours to 2 hours.

## PROJECTS

---

- **Book Bazaar App:** An app that connects people looking to sell their books with those nearby interested in buying them. The tech stack used includes Flutter and Firebase. You can find the GitHub repository [here](#)
- **Consistency Tracker App:** App which lets you track your consistency throughout the week. Implemented using Flutter and Firebase and Fl-charts package. You can find the GitHub repository [here](#)
- **Sort Visualizer using React:** A visualizer designed to help students understand how sorting algorithms work, including Bubble Sort, Selection Sort, Insertion Sort, Merge Sort, and Quick Sort techniques. The tech stack used is React.js. You can find the GitHub repository [here](#) and access the React app [here](#).

## PROGRAMMING SKILLS

---

- **Languages:** Java, C++, Dart, Javascript   **Technologies:** Flutter, Firebase, React.js, ELK, Microsoft Azure