

Shubham Deodhar

Python Developer/Software Developer

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Profile Summary: Experienced Python developer with 4+ years of hands-on experience in designing and maintaining robust software solutions. Proficient in leveraging Python's versatility to build scalable applications, collaborating with cross-functional teams, and delivering high-quality code on time. Strong problem-solving abilities with a deep understanding of software development principles. Committed to continuous improvement and staying up-to-date with industry trends.

Education:

- National Institute of Technology, Kurukshetra 2020-2022
MTech – ECE, CGPA: 8.01
- Sinhgad Institute of Technology, Lonavala 2013-2017
BE – ECE, percentage: 70.06%

Skills Summary:

Coding Languages and Libraries: Python, basic C, basic JAVA, HTML, CSS, Bootstrap, Flask, pandas, matplotlib

Frameworks: Django, ReactJS, pytest

Technical Skills: Unix/Linux, GIT, Jenkins, SQLite

IDE: VSCode, Pycharm, Atom

Experience:

HCL Technologies (Full Time) – Python Developer

(June 2022 - Present)

- Lead Engineer at HCL working as sub-con (Software Developer) at STMicroelectronics.
- IP Validation: Develop and maintain the IP Validation Software Infrastructure and to setup, generate, automate the CAD libraries checks to support the ST Specific design packages.
- UMGenerator: Collect and process data from multiple xml files, text files and raw data and create a single xml file which will be further used to create a User manual pdf using xml and xslt file.
- Skills: Python, Pandas, Matplotlib, GIT, Pytest, UNIX, basic shell scripting

STMicroelectronics (Intern) – Software Developer Intern

(Aug 2021 – June 2022)

- Worked on various projects including Memory IP Generation Cache Stats, License Management, Bitcells Hierarchy need for Initialization, and Codex Sleeping Notifications Mailer.
- Skills: Python, Pandas, Matplotlib, Pytest, UNIX, basic shell scripting

Cognizant Technology Solutions (Full Time) – Programmer Analyst

(Dec 2018 – Nov 2020)

- Identified, Investigated, and Resolved Technical Incidents and participated in Deployments.
- Wrote Automation scripts for monitoring Applications and Databases using Python.
- Skills: Core JAVA, SQL(Oracle), Python

Projects:

FoodDelivery: (ReactJS, HTML5, CSS, Bootstrap, Git, Javascript)

[GitHub Link](#)

- Accomplished the development of a robust food delivery app, employing cutting-edge web technologies to create an intuitive platform featuring seamless order processing. Key features include:
 - Advanced Filters: Implemented filters for cuisine, cities, and price range, enhancing user experience and facilitating personalized choices.
 - Secure Authorization and Authentication: Ensured data security through robust authorization and authentication mechanisms, guaranteeing a safe and reliable user environment

Reciepes App: (Django, Python, HTML5, Bootstrap, Git, Javascript, sqlite)

[GitHub Link](#)

- Designed and implemented a dynamic web application using Django, following the Model-View-Template (MVT) architectural pattern. The application allows users to seamlessly create, store, and explore their favorite recipes. Key features include:
 - User Authentication: Implemented secure login/logout functionality for data privacy.
 - Recipe Management: Developed a user-friendly interface for creating and managing recipes.
 - Database Integration: Used Django's ORM for efficient data storage and retrieval.

Blogs App: (Flask, SQLite, HTML, CSS, Python):

[GitHub Link](#)

- Implemented a blog app with proper authentication and Authorization, this app provides features like:
 - User can login and write their blog and post it, User also can check all blogs in Home Page and personal blogs in profile page.
 - User can Update, Delete and Update their own blogs.
 - App implemented with Authentication and Authorization so that user cannot update or delete others blog and to update, delete and create one must login to the app.
 - Database Integration: Used SQLAlchemy for ORM for efficient data storage and retrieval.

Known Languages: English, Marathi, Hindi, Telugu