

Ambika Bachhu

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Education

Program

Bachelor of Technology,
Computer Science and Engineering

XII Std

X Std

Institution

K.L.M Engineering College (JNTUA)

Narayana Junior College

Good Bird International School

Professional Experience

Norm Software

December 2019-February 2020

Developer

Hyderabad, India

- Worked on the development of a health and wellness app with high quality components for measuring a user's heart rate and workout stats.
- We are gamers and hobbyists making games that need to meet our high standard as collectors, games we can be proud to own and display on our own shelves.
- Worksnap is an internal employee tracking system for S7Works.io. It is a desktop application which generate a screenshot, mouse count, and keyboard count every 10 minutes after an employee has logged in.

Projects

JVB Health and Wellness

December 2019-February 2020

iOS, Django

- A health and wellness app that provides users with cutting edge health and wellness data and analytics, including but not limited to stats related to exercise, movement, and heart rate.
- The app uses technology and data analytics to automate the aggregation and reporting of various health and wellness data, making it easy for users to understand how they are doing against their goals, so they can make changes where applicable based upon our suggestions.
- In our experience, many users don't fully understand their data and can't get it in an easy, simplified format.
- We provide that to users as well as the interpretation of this data.
- **Responsibilities:** I was responsible for creating Background using Healthkit. I also added the workout stats and the heart rate modules.
- I was worked on restructuring and simplifying our backend Python codebase.
- I have also created a Django REST API Framework for updation of the above information.

Worksnap

December 2019

Django

- Worksnap is an Internal Application for S7Works.io the application is about simply saying that employee tracking system.
- This is a desktop application, when we login into our worksnap account from that time onwards the system will generate a screenshot, mouse count, and keyboard count for every 10 minutes.
- We have an admin console here where the manager has access to assign projects to the employees. We have developed a web application for S7works.io.
- We can use this to submit daily reports, we created a dashboard for interaction with managers for leave requests, work from home requests, salary issues etc.
- **Responsibilities:** I was responsible for storing a screenshots in an Amazon S3 bucket. I also developed an automatic update feature for Worksnap in Windows, Linux, and Mac systems
- I was also responsible for sending login credentials to a REST API for authentication and authorization. I also created installers for Windows, Mac, and Linux.

DoubleCritical

January 2020

Django

- DoubleCritical is committed to producing premium games made with high quality components sourced from excellent materials.
- We are gamers and hobbyists making games that need to meet our high standard as collectors, games we can be proud to own and display on our own shelves.
- That means you can count on everything in our games to have been thoughtfully considered from the design of the game mechanics to the selection of the components and how they all may fit in our boxes, cards sleeved or unsleeved.
- We mean it when we say we're gamers and game collectors.
- **Responsibilities:** I was responsible for creating a portal for collecting user information like name, address, email id, and billing and/or credit card information.
- I worked on the module which automatically collects information such as cookies, third party tracking technologies, and server logs when a user visited our website. I was also responsible for providing personal safety of users

Personal Project

My Food Express

Inspired by Swiggy

Django, Python, HTML, CSS, JavaScript, SQLite Database

- My Food express is a food ordering app that allows a user to quickly and easily manage an online menu which customers can browse and use to place orders with just a few clicks.
- It provides the functionality for customers to place their order and supply necessary details.
- Menu Management: It also allows the restaurant to control what can be ordered by the customers
- Users of the system, namely restaurant customers, can do the following:
 - Create an account
 - Manage their account
 - Log in to the system
 - Navigate the restaurant's menu
- **Github:** <https://github.com/AmbikaBachhu/Food-Ordering>

Skills and Tools

- **Languages:** Python, Swift
- **Frameworks:** Django, REST API
- **Data base:** SQLite3, MongoDB (CRUD operations)
- **Servers:** Django, Postman
- **Tools:** GitHub, Postman, PythonAnywhere
- **Web Designing:** HTML, CSS, JavaScript, jQuery (basic), Ajax (basic)
- **Operating Systems:** Linux, Windows 7, Windows XP, MacOS
- **Experience:** 6-Months of Internship on IOS.