

Koushik Romel J

Full Stack Web Developer

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WORK EXPERIENCE

Onwords Smart Solutions, Pollachi, TamilNadu, India 09/2021 – Present *Smart Home Based IOT Startup Company*

Full Stack Web Developer

- Developed REST API and backend code for our company's Smart Home server.
- Written scripts to automate tasks and Smart Home features like Scheduling and Routines.
- Built an AI Voice assistant using python.
- Developed Frontend and Backend for Admin Console which is our office portal.
- Developed an Inventory Management System for our office.
- Worked with many API's and had a strong knowledge of handling API's.
- Handled challenging automation tasks in both inhouse projects and also from customers' needs.
- Complete API support for all projects to APP Development Team for reusing the backend code.
- Built a basic invoice generator web app using ReactJS.

EDUCATION

NPR College of Engineering and Technology, Dindigul, TamilNadu

08/2017 - 08/2021 Bachelor of Engineering in Computer Science with 70.7% CGPA

SKILLS

Web Technologies: HTML, CSS.

Programming Languages: Python, JavaScript(Basics web development related), Dart(Basic).

Frameworks: Django, Flask, FastAPI, ReactJS(Basic), Flutter(Basic).

Databases: Firebase, MongoDB, SQLite, MySQL.

Other Technologies: AWS(EC2, Lambda), Git, GitHub(GitHub Actions), ORM, OOPS, Docker.

PROJECTS

Admin Console: Adminconsole is our office monitoring system in which we used to enter our work done everyday and manage PR leads and also inventory details. In short Admin console is a complete detail of our office where every data can be obtained from that.

ONYX: Onyx is an AI powered voice assistant which we use as an official voice assistance for our company, which is mostly used for smart home automations.

ABOUT ME

As a passionate backend developer, I am constantly seeking ways to automate tasks and improve my skills in Python. With a strong foundation in Python and experience in backend development, I am eager to collaborate with a team to enhance my talents and contribute to impactful projects. I believe in the power of collaboration and continuous learning, and am excited to work alongside like-minded individuals to create efficient solutions. I am always ready to learn new concepts and technologies to stay up-to-date with the latest trends. I am also attempting to contribute to open-source projects soon. I am also passionate about learning new concepts like Git and Docker, which enhance a developer's perspective and save valuable time in the development process. I am fascinated by the innovative approaches that these tools bring to software development and am excited to explore new ways to incorporate them into my workflow.