

AYUSH VERMA

LINKS

LinkedIn
Github
LeetCode

DETAILS

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Gurgaon, India

EDUCATION

Dr. M. C. Saxena College of Engineering and Technology
(Aug 2018 - Aug 2022)
Bachelors of Technology in
Computer Science with CGPA of
8.1 out of 10

Modern Academy Inter College
(May 2016 - May 2017)
Percentage: 94%

SKILLS

- Python
- NodeJs
- ExpressJs
- Data Structures and Algorithms
- Object Oriented Programming
- MySQL
- MongoDB
- PostgreSQL
- Django
- Flask
- HTML & CSS
- Docker
- GCP
- Redis
- Firebase
- Azure
- Git

WORK EXPERIENCE

- Software Development Engineer 1** (Aug 2022 – Present)
Zunpulse – Gurgaon, India
- Designed an interactive voice response system using **NodeJS**, **ExpressJS**, **MongoDB**, and **MySQL**, helping improve customer satisfaction by 43 per cent.
 - Incorporated the smart-home skill **Google Assistant** for voice-controlling Zunpulse devices, thereby increasing product sales by 30 per cent.
 - Implemented a webhook queue system for **Google Assistant/Amazon Alexa** state change reporting using **Redis**, **RabbitMQ** and **Docker**.
 - Built the back-end of the Zunpulse app and integrated APIs to integrate 10+ products in the app using **NodeJS**, **ExpressJS**, **Firebase** and **Google Cloud Platform(GCP)**.
 - Created a device state reporting dashboard for Zunpure devices for the IoT back-end using **Python**, **Flask**, and **MySQL**.
 - Deployed 2 **CRON** jobs to schedule Whatsapp and email triggers on **GCP**.
 - Integrated the new generation **smart lock** for the Zunpulse app, as well as **light-lock** automation.

- SDE 1 Intern** (Jan 2021 – Jan 2022)
AiSociety – Lucknow, India
- Instructed 150+ students on the latest technology trends of **HTML**, **CSS**, **JavaScript**, basics of Python, **Object-Oriented Programming** and **Data Visualisation** and Frameworks such as **Django**.
 - Built various responsive websites using **Python3**, and **PostgreSQL** configured client-facing elements using server-side logic, used Object Relational Mapping, and deployed using **Heroku Cloud Service**.
 - Conducted a hands-on python technical workshop of 10 days in Collaboration with the Research Skills Club **National Rail and Transportation Institute (NRTI) Gujarat** and mentored 100+ 1st year students on the basics of **Python**.

PROJECT

- Cure Cancer** (Sep 2021–Jun 2022)
<https://curecancer.herokuapp.com>
- Performed **Data Cleaning**, **Exploratory Data Analysis**, **Modelling** and **Deployment** on over 200K+ images to build a website that can help **detect cancer** in the early stages.
 - Developed a **Logistic Regression Model**(97% accuracy) and a **VGG16 Deep Learning Model**(91% accuracy) to Predict Breast Cancer and **Invasive Ductal Carcinoma**(the most common form of Breast Cancer).
 - Designed a website using **Django**, **Streamlit**, **Heroku** and **Docker** to deploy the top 2 models to make them available to everyone.