

AKASH V S

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EDUCATION

PSG College of Technology, Anna University

Coimbatore, TN

BE Computer science and engineering

August 2018 – May 2022

- CGPA: 9.48/10
- Coursework: Data structures, Algorithms, DBMS, Operating systems, Software engineering.

EXPERIENCE

Walmart Global Tech India

Bangalore, KA

Software Engineer II

August 2022 – Present

- Working on replacing cron jobs with Apache Airflow scheduler which offers ability to schedule, monitor and handle complex data pipelines with an interactive UI.

Walmart Global Tech India

Bangalore, KA

Software Engineer Intern

January 2022 – July 2022

- Developed an UI for Translation API service using React.js and Node which eases the job of translating JSON and email templates to different languages quickly and helps users to keep track of their translation jobs.
- Built an UI component to make the process of updating JSON objects easily into an application.

PROJECTS

XAI based COVID-19 diagnosis

February 2022 – May 2022

Python (TensorFlow, OpenCV)

- Implemented a ML model that classifies given X-Ray as covid or not and generated an explanation of the result using XAI methods such as LIME and GradCAM.

Facial expression recognition

August 2021 – November 2021

Python (TensorFlow, OpenCV, keras)

- Built a CNN based ML model that predicts the expression (happy, sad, fear etc) given by person in the image.

Tour booking system

January 2020 – May 2020

HTML/CSS/JS | MySQL | PHP

- Developed a web application that helps users to plan a tour and book local guides to explore various tourist spots in that region.

TECHNICAL SKILLS

- Languages: Java, Python, C++, C, SQL (MySQL, MSSQL), JavaScript, HTML, CSS
- Frameworks & Library: React.js, Node.js, Bootstrap, Spring Boot, Django, Git
- OS: Windows, MacOS, Linux

INTERESTS

- Full-stack development
- User Interface
- Design
- Machine Learning