Aalasyam Sai Varshith

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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT (IIIT) GWALIOR
B.Tech in Computer Science and Engineering | Expected 2024

WORK EXPERIENCE

OUTSHADE DIGITAL MEDIA | Full Stack Developer | June 2022 - August 2022, February 2023 - Present

- Developed an **Admin web app** that included analysis and admin controls over the corporate website. Made a template, reducing the workload by 75% for the next admin web app development cycle.
- Worked on the entire development cycle for two projects, an **E-Commerce Website** and a **Hostel Management Website**.
- Helped through 2 other projects by solving bugs and finding sustainable solutions.

AMBITIO | ReactJS Developer | March 2022 - June 2022

- Developed the organization's website frontend and integrated it into the python backend.
- Developed and deployed the frontend into the DNS using NextJS and vercel tech

PROJECTS

DISEASE PREDICTION USING MACHINE LEARNING ↗   ReactJS, Firebase, Machine Learning, FastAPI, Vercel

- Developed a Disease Prediction that could predict 41 diseases taking in 133 symptoms as input.
- Built Classifier Machine Learning Models and deployed them using FastAPI.
- ReactJS framework is used to have a fast and responsive frontend and firebase for scalable user authentication.
- Data is taken from Kaggle and Google Dataset Search websites.

HR PORTAL ↗   ReactJS, NodeJS, Express, MongoDB, Vercel

- Developed a full-stack website that manages the tasks of an HR using MERN Stack.
- Hosted it using Vercel hosting services
- Reliable Database Provided by MongoDB
- Developed a total of 37 API endpoints.

SERVERLESS OTP SYSTEM ↗   AngularJS, AWS, Python, Vercel

- Developed a full stack Serverless OTP System Using **AWS** and **AngularJS**.
- Can handle more than 10,000 OTP requests coming in per second.
- Used **Lambda** (Used Python), **API Gateway**, **DynamoDB** and **CloudWatch** services of AWS.
- Reliable and quick emailing system setup using SMTP Library of Python.

CODING

- codechef/sai045
- leetcode/sai045

SKILLS

Languages: C/C++, Javascript, Python, HTML, CSS
Web Development ReactJS, NodeJS, NextJS, AngularJS, Express, D3.JS, Socket.IO, Bootstrap
Technology and Tools: Git, Github, Vercel, Firebase
AWS services AWS IAM, AWS EC2, AWS Lambda, AWS DynamoDB, AWS API Gateway, Amazon CloudWatch
Machine Learning: Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, KNNClassifier, SVM, Decision Trees, RFC