Adarsh Raghav

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EDUCATION

Bennett University   UP, India
Bachelor of Technology - Computer Science Engineering; GPA: 8.6   *Aug 2019 - May 2023*
Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

SKILLS SUMMARY

- **Languages**:   JavaScript, C++, HTML, CSS, Python, Bash, SQL
- **Frameworks**:   NodeJS, ReactJS, ThreeJS, NextJS, Bootstrap, Tailwind CSS, Redux, JQuery
- **Tools**:   Kubernetes, Docker, GIT, SQLite, Jenkins
- **Platforms**:   Arduino, ESP, AWS, GCP, Jira, LucidChart, Figma

EXPERIENCE

Google   Banglore, KR
Intern   *May 2022 - Jul 2022*

- **Notification Bot**: Designed and implemented a Notification Bot for spaces using JavaScript, GCP Functions and ChatAPI to increase productivity and keep up to date with upcoming deadlines.
- **Aided in the development of various Internal tools**: Using APIs to pull in data from other tools to build a one stop shop glossary for all internal tool
- **RSS Feed React App**: Created a React web app to better visualise data being processed from RSS Feed and REST API later to be deployed using GCP and AppEngine.

Cureya   Remote
SDE (Intern)   *May 2021 - July 2021*

- **ML, DL based prediction architectures**: Analysis and prediction on pre-existing data sets using various machine learning techniques such as KNN and Regression.
- **Anxiety assessor chatbot**: Detects anxiety, depression or any unforeseen medical anomalies realted to pyschology

PROJECTS

- **VaayuSens Air Qualtiy Monitoring System (JavaScript, React, NodeJs, iOT, MQTT, AWS)**: Built a monitoring device that will help to identify as well maintain the quality of air inside the air-conditioned space through optimized operation of chilled water flow as well the fresh air damper.

- **Log Extractor CLI (NodeJS, Bash, Yargs)**: Build a command line interface that can read log files of upto 16GB and display logs between given data ranges. On an average the CLI was able to read logs with more than 100,000 entries in less than 15 seconds

- **OneLeague (Dart, Flutter, Rest API, SQLite)**: With one username and password we want to give power in the hands of future students. This platform is developed to eliminate a constant need to fill the same details several times for different colleges.

- **Cloud Resource Optimizer (Deep Learning, LSTM, ind-RNN, LSTM)**: Built a Cloud Computing Resources Prediction using ML/DL techniques. Here we will be creating a fully automated solution for B2B, which will give businesses an idea of how much resources(virtual machines) are being wasted.

- **Personal Portfolio (Reactjs, Nextjs, Bootstrap**: Created a personal portfolio that shows all my experiences, skills and achievements

PATENTS

- **Automatic Sanitising Apparatus (Interior)**: This was a sanitization system that I built during Covid-19 to sanitise the interior of a vehicle.

- **Automatic Drive-through Sanitising Apparatus (Exterior)**: This was a sanitization system which would detect an incoming vehicle or object and would sanitize the exteriors of that particular vehicle.

CERTIFICATIONS

- Cloud: GCP Associate Cloud Engineer, AWS Cloud Practitioner, Azure Fundamentals
- Networking: CCNA Network Essentials, Intro to Packet Tracer

VOLUNTEER EXPERIENCE

Treasurer at Bennett Artificial Intelligence Society   UP, India
conducted various events related to machine learning and artificial intelligence, handled finances. *Jan 2021 - Present*