Anirban Sikdar

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EDUCATION

Hyderabad Institute of Technology and Management   Hyderabad, India
Bachelor of Technology in Computer Science and Engineering (AI & ML), CGPA: 6.9   *Aug 2021 – June 2024*

Central Institute of Tool Design   Hyderabad, India
Diploma in Automation and Robotics Engineering, Percentage: 78.37%   *June 2018 – Aug 2021*

EXPERIENCE

Seanergy Digital   Aug 2024 – Present
Associate Engineer   ***Skills**: TypeScript, CSS, Version Control*

- Engineered a responsive view for the hospital management system in collaboration with a team of 6, accommodating diverse resolutions.
- Created various endpoints and unit tests using Django Rest Framework for a healthcare and hospital management platform.

Seanergy Digital   Oct 2023 – May 2024
Intern   ***Skills**: TypeScript, CSS, Version Control*

- Engineered a responsive view for the hospital management system in collaboration with a team of 6, accommodating diverse resolutions.
- Created various endpoints and unit tests using Django Rest Framework for a healthcare and hospital management platform.

DigiQuanta IT Services LLP   Mar 2023 – Jun 2023
Developer Intern   ***Skills**: Arduino, Electronics, 3D Printing*

- Collaborated with a community of over 80 individuals and a ten-member team in a Linux environment. Led the development of a Delta robot designed for sorting tomatoes based on quality.
- Integrated advanced computer vision systems, resulting in a 30% improvement in product accuracy and a 20% reduction in manual inspection time.

One Gear Technologies   Oct 2022 – Dec 2022
Developer Intern   ***Skills**: Django, React, Rest Framework*

- Developed API endpoints using Django Rest Framework to facilitate seamless transactions between users and charging stations, enhancing user experience and increasing transaction efficiency by 40%.
- Streamlined processes using tools like GitHub, reducing complexity and documentation by 75%.

Eunoia Innovations   Jan 2022 – Jun 2022
Technology Engineer Intern   ***Skills**: ThingsBoard, AdafruitIO, Raspberry Pi*

- Implemented and enhanced communication using the MQTT protocol (TCP/IP) in the project AquaSkimmer (an Aqua Drone that collects debris in water bodies).
- Enhanced the computer vision and machine learning components of the project, collaborating with a team of 5, and significantly improving troubleshooting skills.

PROJECTS

Routio | *NextJS, Tailwind CSS, Django Rest Framework*   May 2024

- Developed a high-performance, server-side rendered web application using Next.js and Tailwind CSS.
- Integrated interactive GIS maps with Leaflet and Mapbox GL JS for dynamic data visualization.
- Streamlined frontend development with Turborepo monorepo structure and CI/CD pipelines.

YUKI | *Cloud Computing, Programming and IoT Integration, API Integration*   Sep 2019

- Designed a companion bot utilizing Raspberry Pi and Google Cloud for detecting human emotions through facial expressions, working with a team of 3.
- Managed the integration and development of computer vision components within the project, increasing efficiency by 40%.
- Acquired a deep understanding of computer vision and related technologies crucial for the project's success.

Acitivities

Student Dean Doing Engineering
Student Self Governance at HITAM

May 2023 – May 2024
Hyderabad, India

- Played a critical role in developing a holistic system, integrating practical learning into the curriculum for approximately 2000 students.
- Coordinated with fellow Student Deans, executives, volunteers, and various stakeholders to supervise and strengthen a range of institutional initiatives, managing over 20 events annually.

Co-ordinator
Coding Club - HITAM

Nov 2022 – Apr 2023
Hyderabad, India

- Founded the club, fostering a community of over 100 actively engaged students.
- Refined institutional initiatives, gaining expertise in human resource management and strategic planning to conduct and manage 10 events.

Head of Google Technologies
Google Developers Students Club at HITAM

Aug 2022 – Apr 2023
Hyderabad, India

- Led the development of GDSC at HITAM by fostering technical proficiency through organized learning and skill-sharing to manage 10 felicitations and groom students.
- Organized multiple events and campaigns, exposing over 200 students to Google technologies and current trends.

Certifications

Google Cloud Career Practitioner
Google Cloud Skills Boost

Jan 2023

Skills*: Cloud Computing(Terraform, Kubernetes, Resources, Environment)*

Technical Skills

Languages: Java, Python, C/C++,TypeScript , JavaScript, HTML/CSS
Frameworks: React, Node.js, Flask, Django,React.js, Flutter, FastAPI
Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, 3D Printing, IoT (Raspberry Pi, Arduino), PlatformIO
Libraries: pandas, NumPy, Matplotlib, TensorFlow, OpenCV, paho mqtt