Kushal Shah

✉ kushal.shah@students.iiit.ac.in   📱+91-7588287148   🌐 linkedin.com/kushal   ⌨ github.com/Kushal7788

EDUCATION

International Institute of Information Technology College **Hyderabad, Telangana**
M.Tech in Computer Science and Information Security *Aug 2021 - Current*

Vishwakarma Institute of Information Technology College **Pune, Maharashtra**
B.Tech in Computer Engineering CGPA: 9.84/10.0 *June 2017 - June 2021*

Sir Parashurambhau College **Pune, Maharashtra**
Class XII, 80.9% *June 2015 - June 2017*

EXPERIENCE

Snowflake **Pune, Maharashtra**
Software Engineer Intern *Jan 2021 - June 2021*
- Built analytics dashboards from data warehouses using internal tools and SnowSQL
- Developed an automation tool with Django and VueJs frameworks
- Dockerized the web application and deployed on AWS ECS-Fargate

Integrated Decisions and Systems **Pune, Maharashtra**
Software Engineer Intern *Aug 2020 – Dec 2020*
- Developed a data analytics web application with Spring Boot and Angular frameworks
- Designed automated test cases and optimized the performance of the web application

PROJECTS

Machine Learning Optimizers Comparison in Jupyter Notebook and Survey Research Paper
- Researched different optimizer techniques that are compared on a test dataset to find the most effective optimizer to train the neural networks.
- Technology stack used :- Machine Learning, Deep Learning, Numpy, Pandas, Matplotlib, Seaborn
- Described the findings in form of Survey Paper. Survey Research Paper Link

College Fest Web App in Django
- Developed a web app using Django with SQLite as DataBase. Architected for the purpose of online registration for fest events.
- Technology stack used :- Django, Rest APIs, Google OAuth, Bootstrap, Jquery

RF Controlled Holonomic drive
- Designed the Holonomic drive using the Gyroscope sensors, PID controller, and Arduino for the purpose of national robotics competition. It was controlled with the RF module.
- Technology stack used :- Arduino, PID, Embedded Electronics, Android Development

SKILLS

- Programming Languages : C++, C, Python
- Primary Skills : Data Structures, Algorithms, Django, SQL, Machine Learning
- Libraries and Tools : Pandas, Matplotlib, Scikit-learn, GitHub.

CERTIFICATIONS

- Cisco Networking CCNA Module 1 - Cisco.com
- Deep Learning Specialization - Deeplearning.ai
- Fundamentals of Deep Learning for Computer Vision - NVIDIA DLI

ADDITIONAL

- Qualified GATE 2021. 97.98 percentile
- Conducted Webinars on Basics of Python
- Conducted 6 Workshops under Machine Learning and IoT Forum
- Technical head at IoT Forum, VIIT and Co-Founder of Machine Learning Forum Committee, VIIT