

Shubham Anand

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EDUCATION

- **Indian Institute of Information technology, Kottayam, Kerala** Kottayam, Kerala, India
B.Tech. - Computer Science and Engineering; CGPA: 8.38 November 2020 - August 2024
Courses: Artificial Intelligence, Machine Learning, Operating Systems, Data Structures, Analysis Of Algorithms, Microprocessors, Electronics, Networking, Databases
- **Patanjali Rishikul** Prayagraj, India
Intermediate - CBSE; Percentage: 94.6 April 2018 - March 2019
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases

SKILLS SUMMARY

- **Languages:** Python, C++, Solidity, JavaScript, SQL, JAVA
- **Frameworks:** Scikit, NLTK, SpaCy, TensorFlow, Keras, Django, NodeJS, PyTorch
- **Tools:** Blockchain, Kubernetes, GIT, PostgreSQL, MySQL
- **Soft Skills:** Leadership, Event Management, Communication, Public Speaking

EXPERIENCE

- **Aryabhatta Research institute of Observational Sciences, Nainital** On-site
Data Processing and R&D Intern (Full-time) Dec 2022 - Jan 2023
 - **Atmospheric Data Collection:** .mcs data collection with the help of Lasers and LiDAR.
 - **Data Processing and Analysis:** usage of Python libraries for Data Visualization including RCS(log) data with temperature, humidity, etc.
 - **Project proposal to Department of Science and Technology, India:** project proposal for development of chip-based LiDAR.

PROJECTS

- **BAL - smart overload detector (Blockchain, ReactJS, IOT):** BAL - A Smart Overload Detector, a powerful integration of IOT and Blockchain Technology to prevent overloading of trucks and dumpers Tech: Blockchain, ReactJS, IOT, Ethereum, Solidity
- **Question Generation NLP Model (Natural Language Processing, Transformers, NLTK):** NLP Model able to create any type of questions like MCQs, True/False, Fill-Ups and Match questions with nltk and transformers. Tech: NLP, NLTK
- **Serenity Here (Backend, Firebase):** A chat-enabled website specially for introverts to confess or ask any of the doubts from personalized communities. Tech: NodeJS, Firebase, SQL
- **Anime Face Generator using GANs, Discriminator and Generator Networks:**
- **Image Classification(Computer Vision, Deep learning):** Created from scratch, Linear and Logistic Regression for Classification of Images of a Image Datasets and even used Neural Networks and GANs. Tech: Computer Vision, Pytorch, Numpy, Pandas, Data Visualization libraries
- **Ticket Reservation system(Backend, APIs, Database Management):** E-Ticketing Reservation System capable enough to book and launch tickets for any kind of event.
- **Python, Matplotlib, Pytorch, Django, HTML and Java tutorial:**

HONORS AND AWARDS

- Smart India Hackathon Grand Finalist - 2022
- National Children Science Congress State Gold Medalist
- Wushu State Silver Medalist
- Karate District Silver Medalist

VOLUNTEER EXPERIENCE

- **PR & Event Management Lead at Cultural Club, IIIT Kottayam** Kerala, India
Organized events, conducted workshops and delivered workshops reaching over 2000 students. Aug 2022 - Present
- **Core Student's Owned Mess Committee Member** Kerala, India
Finance, Menu and Salaries Management of workers. Jan 2018 - Present