Pranay Kumar

Mobile | Mail | LinkedIn | GitHub

Education

- **Bennett University (Sept 2020 - June 2024)**
  BTech, Computer Science   Grade - 8.22
- **Venkateshwar International School (2018 – 2020)**
  Senior Secondary school   Percentage - 90%
- **American Montessori Public School (up till – 2020)**
  High School   Percentage – 78%

Experience

National University of Singapore (June 2022 – July 2022)

- *Data Analytics Intern, Data Analytics*
- *Learned about concepts of working of ANN CNN models using deep learning methods under the guidance of Dr Tan Wee Kek, Dr Lek Hsiang Hui, Dr Amirhassan Monajemi.*
- *Glad to have worked under the guidance of NUS professors to create a project on audio sentimental analysis using python.*

Hewlett Packard Enterprise (June 2022 – July 2022)

- *Data Analytics Research training*
- *Have learnt a great deal from our instructor Shantanu Pandey about creating ML models on azure cloud platforms and deploying them thereafter.*

Indian Blockchain Fraternity (Sept 2021 – Sept 2022)

- *Social Media Head – helped reach out to 10k 15k new people over the tenure.*
- *Have been working in a team of 10 member to spread awareness about blockchain fundamentals in colleges and universities.*

Projects

Timetable │ An web-based application for creating auto allotment of workload among teachers/ professors.
- Used GitHub for version controlling, Docker for containerization of the application
- Added routes and controllers for better data flow in the application
- Have completed Phase I of the project where you can distribute the workload of professors
- *Tech stack - Java Script, Python, MongoDB, Docker*

Audio Sentimental Analysis | It can categorize a given audio review into positive, negative, or neutral. The result irrespective of the language of the input audio are 89 percent accurate.
- Used graphing for visual representation of data using matplotlib
- Used CNN model for data classification.
- Analysed audio directly rather than analysing text
- *Tech stack - Jupyter, Python, Flask*

Parkoz | (A project based on agile methodologies) A parking management application for parking owners in complexes or supermarkets

- Developed a full-stack web application using with Dart as language and flutter framework.
- Implemented GitHub to store repositories
- Also created user stories using Trello
- *Tech stack - Dart, Figma, Flutter, Firebase, Trello*

Shoppers club│ An web-based clothing ecommerce application.
- Created a ML model for virtual try on of cloths.
- Added a group chat option for collective shopping.
- *Tech stack - Java Script, Python, HTML, CSS*

Technical Skills
- **Proficient in Languages**: Python, C++, HTML/CSS, JavaScript, Bash
- **Cloud:** Azure, AWS, google cloud
- **Libraries**: NumPy, Matplotlib, Librosa, Pandas, seaborn, Skit-learn, SciPy, Numba
- **Database:** Mongo DB
- **Developer Tools**: Git, Docker, VS Code, Visual Studio, PyCharm, TensorFlow, Keras, IntelliJ, Eclipse, Jupyter, Android Studio, Trello,
  little exp on: Have a specialization in DevOps as college major, Java, C, Dart, Jenkins, Kubernetes, Chef, selenium, ansible
- **Operating System:** Windows, Linux

Achievements
- Academic scholarship: **50%**
- Second position in Smart India Hackathon in College (among **50** teams)
- Won Compathon 2022 at Bennett University, ranked first among 100 teams in a pool of 500+ participants.
- Took part in Techathon 3.0 organised by iNeuron.ai where there were 500+ teams.

Certifications
- [Fundamentals of Accelerated Computing with CUDA Python](#)
- [Preparing for Google Cloud Certification: Cloud DevOps Engineer](#)