Akshara Nigam

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EDUCATION

- **St. Mary's Convent High School, Kanpur -** Secured 95.6% in ICSE Board (2015) and 95% in ISC Board (2017).
- **Jaypee Institute of Information Technology, Noida -** Pursuing Bachelors of Technology in Information Technology. CGPA 9.2

TECHNICAL SKILLS

- **Languages :** Java, C/C++, Python, MySQL, MongoDB, HTML, CSS
- **Framework :** Node.js, Flask, Spring Boot
- **Tools/Software :** Android Studio, Spring Boot Suite, AWS (S3, Cognito, SQS), PyCharm, Postman, Eclipse, Git

EXPERIENCE

- **Mentee at Amazon Campus Mentorship Series *(April - June 2020)*** : Worked as a backend developer to build a project for Locker Hardware Tracking System using AWS tools under our mentor.
- **Summer Intern at IIT-Kanpur *(May - July 2019)*** : Built a traffic simulator considering the problems one faces at a round-about, under Prof B.M Shukla.
- **Summer Trainee at IIT-Kanpur *(June - July 2019)* :** Undergone training in Machine Learning through ICT Academy and built a project on Titanic Survivor Prediction and Handwritten Digit Recognition.

PROJECTS

- **Smart List (Python || MongoDB) :** An application that automates the shopping list of its buyers from his previous purchases. Prediction of the quantity of the items and Recommendation system is built accordingly.
- **Pantomath (Python || React.js) :** A web application which helps to know a person on the basis of his/her tweets and retweets which includes Myers Briggs personality type and hate speech detection.
- **Colour Detection (Python || Flask) :** An application that helps in identifying colours of an image, like a pick tool in photoshop.
- **Road not taken (C++) :** It uses the idea of getting past the daily traffic congestion in minimum time by using the concepts of Shortest Path and Greedy Algorithms.
- **Traffic Simulator (Python || Node.js || CSS) :** It analyzes the problems faced at a round-about and helps in determining the time to get past the congestion of a road based on the vehicles currently present.

CERTIFICATIONS

- **Computer Vision** with OpenCV from Coursera.
- Online course of **Python** through ICT Academy at IIT-Kanpur.
- **Swings and Multi-threaded** programming in Java from Udemy.