

# Aakash Tyagi

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## EDUCATION

- **Visvesvaraya Technological University** Bangalore, India  
*Bachelor of Engineering - Computer Science and engineering; GPA: 8.83* August 2019 - June 2023  
*Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*
- **Sri R.S Public School** Agra, India  
*Class 12th-Science; Percentage:64.6* April 2017- May 2018
- **Shanti Niketan Public School** Agra, India  
*Class 10th; GPA-9.4* April 2016- May 2017

## SKILLS SUMMARY

- **Technical Skills:** JAVA, C++, JavaScript, JAVA8, SQL, HTML, CSS, Machine Learning, OOPS, Data Structure
- **Frameworks:** Spring Framework, HiberNet, Scikit, TensorFlow
- **Tools:** GIT, MySQL
- **Competencies:** Proficiency in Java programming language, Knowledge of Java frameworks like Spring and Hibernate, Familiarity with front-end technologies like HTML, CSS, and JavaScript, Understanding of databases (SQL)
- **Platforms:** Web, Windows, Eclipse IDE, Maven
- **Soft Skills:** Leadership, Analytical Adaptability, Critical Thinking, Project Management, Strong Communication skills, Agile Team Management, Problem-Solving, Flexibility, Collaborative, Scrum, Committed, Attention to detail, Individual Contributor, Ensuring Quality Standards

## EXPERIENCE

- **YHills Edutech-** Remote  
*Machine Learning Intern (Full-time)* October 2022 - November 2022
  - Learned about the machine learning using Python
  - Performed classification and regression on a dataset of taxi - fare prediction and H1N1 vaccine prediction.
  - Utilizing the attributes provided in the dataset, Computed the requisite data and conducted the necessary analysis. Subsequently, Crafted charts and graphs to visually represent the findings.

## PROJECTS

- **Real-time Face Recognition under Partial Occlusion**
  - **Technology Used :** Machine Learning, CNN, OpenCV
  - The project encompasses both training and testing phases, ensuring the VGG16 model's efficacy in real-time face recognition under partial occlusion.
  - The project utilizes a VGG16 model for real-time face recognition, accurately identifying individuals even under partial occlusion, displaying their names upon recognition or indicating "not recognized" otherwise.
- **E-Commerce Website**
  - **Technology Used:** HTML, CSS, MySQL
  - My Role : Developed front end of the e-commerce website which is convenient for the user.
  - The e-commerce website employs HTML and CSS for intuitive user interface design and MySQL for robust database management, facilitating seamless browsing, purchasing, and order tracking functionalities for customers.
- **News Feed App**
  - **Technology Used:** JAVA, XML, Android Studio
  - My Role : Designed user interface that is convenient for the user
  - The news feed app utilizes XML for defining user interface layouts, coupled with Java programming in Android Studio for backend logic, enabling efficient parsing and display of news content, ensuring a seamless user experience.

## LICENSE AND CERTIFICATIONS

- Front end development course:- [course certificate link](#)
- Web Development Course:- [Internshala.com](#)
- Java Full Stack Course:- [Pentagon](#)
- Java Backend Development:- [GFG](#)

## TECHNICAL TRAINING

- **Technology Virtual Experience Program** Remote  
*DELOITTE* 2022