Ayush Gupta

Updated – July 2022

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**EDUCATION**

**Bachelor of Technology in Computer Science and Engineering**

2018 – 2022

Cooch Behar Government Engineering College, Cooch Behar

**9.07 CGPA**

**Senior Secondary Exam (12th Grade)**

2018

Green Point Academy, Kulti

**83.40 %** (CBSE – PCM)

**Secondary Exam (10th Grade)**

2016

Doon Public School, Dhanbad

* 1. **CGPA** (CBSE)

**LINKS**

**LinkedIn** [/ayush-gupta-054318175/](https://www.linkedin.com/in/ayush-gupta-054318175/) **GitHub** [/ayushgupta8927](https://github.com/ayushgupta8927) **CodeChef** [/users/ayushgupta8927](https://www.codechef.com/users/ayushgupta8927)

(4 star at CodeChef)

**T ECHNICAL SKILLS**

* + - Data Structures and Algorithms
    - Web Development, React JS
    - Python-Flask
    - Machine Learning
    - Tensor Flow
    - AWS
    - Git/GitHub
    - Rest API

**PROGRAMMING**

**Fluent** C++ Python JavaScript C

**Familiar** SQL MATLAB

JAVA C#

**UTILITIES**

**Experienced –** JupyterLab, Eclipse, Octave, Unity Game Engine, VS Code, Microsoft Office, Bootstrap, THREE JS

**Familiar –** MATLAB, Android Studio, Octave, Arduino, PyCharm

# EXPERIENCE

# Internship -

**Cognizant Technology Solutions** - MAR 2022 – PRESENT

It's a training cum Internship where I worked as a DotNet Full Stack developer to build REST API deploy in Server and then perform several operations on it, Did agile-based projects on team deploy the application in AWS cloud

**Product Consultant Intern** (Freelance)**-**

**TuTeck -** SEP 1, 2021 – FEB 2022

# Tuteck is a small UK-based Product-based company, Here I worked under diverse technologies like THREE JS, full-stack applications using Flask, MongoDB, and React also in a Project I worked in an RnD team where I worked on a project for facial emotion detection system using ML and AI

# Research Intern -

**Xavier Institute of social Service, Ranchi -** July 2021- Aug 2021

# Worked under the supervision of Dr. Rik Das, Professor of Program of Information Technology, XISS, Ranchi. The Research mainly deals with the Research Paper on Segmentation and Contour detection using Machine Learning, and also performs detailed analysis on several other machine learning Algorithm to find the better results

# PROJECTS

[**FIND PEEPS!**](https://github.com/ayushgupta8927/Face-Recognition)

This Web App functions as a fully-equipped Face-Detection software, with accurate **Face and Feature Detection** Mechanisms by using **MTCNN classifier**. The front-end is done with **HTML**, and **CSS** and further paired up with **Python** and **Flask**. The detected faces can be downloaded as a zip file onto the client's device, for further reference and perusal.

# [Chromatic Pens](https://github.com/ayushgupta8927/Chromatic-Pen/blob/master/Desktop/chromatic_pen.zip)

This is an AI-based web app which uses **OpenCV** and pre-trained CAFFE model, and performs excellent conversion of black and white image to color image, the front-end part is build using **HTML, CSS,** and **JS** and the backend is done using **Flask,**

# [TextUtils](https://github.com/ayushgupta8927/TextUtils-react)

TextUtils is a free character counter tool made using **React JS** & **Bootstrap** that provides instant character count & word count statistics for a given text. It reports the number of words and characters. Thus, it is suitable for writing text with word/ character limit. It also comes with a text formatting feature like changing of case, and has a dark mode feature for better readability and is browser compatible

# [Glaucoma Detection using CNN](https://github.com/ayushgupta8927/GLAUCOMA-DETECTION-USING-CNN/tree/master)

A full-fledged CNN Model using TensorFlow for the classification of GLAUCOMA disease. This Project uses retinal image dataset for Image Classification using **CNN**. The application shows a high accuracy of around **95.3%** and can be standout for classification and detecting Glaucoma disease

# COURSES AND SPECIALIZATIONS

[**Google IT Support Professional Certificate**](https://www.coursera.org/account/accomplishments/specialization/certificate/CQZ4XGR5TZSM)Coursera – Google [**Web Design for Everyone Specialization**](https://www.coursera.org/account/accomplishments/specialization/certificate/7NGXJYN39TJN)Coursera – University of Michigan [**Machine Learning**](https://www.coursera.org/account/accomplishments/certificate/4TNU7VBNLKR4)Coursera – Stanford Online

# LANGUAGES

** English Hindi  Bengali (***High proficiency in all the three language)*