

# DEVANSH SINGH RAGHUVANSHI

VARANASI, Uttar Pradesh, India

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## EDUCATION

<b>Chandigarh University</b> Bachelor of Engineering in Computer Science and Engineering	June 2021 - May 2025 <b>CGPA: 8.28/10</b>
<b>Varanasi Public School Varanasi</b> Senior Secondary (Class XII)	Apr 2019 - Mar 2020 <b>Percentage: 84.00</b>
<b>Varanasi Public School Varanasi</b> Matriculation (Class X)	Apr 2017 - Mar 2018 <b>Percentage: 93.00</b>

## CAREER OBJECTIVE

Highly motivated and skilled Computer Science engineer with a strong foundation in computer science concepts, programming languages, software development, and machine learning. We are experienced in embedded software development, object-oriented programming, web development, and database management systems. I possess a keen eye for detail and a passion for creating effective and scalable solutions.

## PROJECTS

### Face Recognition Attendance System

- LBPH algorithm-based project to manage attendance using facial recognition with a dataset of 100 images.
- Developed software to register attendance by scanning faces and providing user information.
- Implemented efficient database storage for managing student and login authentication data.

### Age and Gender Detection

- Developed a real-time age and gender detection system using OpenCV's Deep Neural Network (DNN) module, integrating pre-trained Caffe models for robust face analytics.
- Engineered an end-to-end computer vision pipeline for live video/image processing, leveraging Python, OpenCV, and deep learning techniques for face detection and demographic prediction.
- Implemented efficient image preprocessing, bounding box annotation, and result visualization, demonstrating expertise in neural network inference, model integration, and user interface design for AI-driven applications.

### Customer Churn Prediction

- Built a customer churn prediction model using LightGBM, XGBoost, and CatBoost with ensemble voting for high accuracy.
- Cleaned and visualized e-commerce data using Pandas, Seaborn, and Matplotlib to identify churn patterns.
- Tuned models with GridSearchCV and validated using cross-validation to ensure robust performance.

### Portfolio Personal Web Project

- Personal portfolio website showcasing skills, projects, and achievements using HTML, CSS, and JavaScript.
- Designed and developed a visually appealing website available on GitHub Pages.
- Managed project files using version control for collaboration and tracking changes.

## TECHNICAL SKILLS AND TOOLS

- **Languages:** C++, OOPs, Java, SQL, HTML, CSS, PHP
- **Technologies/Frameworks:** Docker, React.js, Bootstrap
- **Cloud Platforms:** Amazon Web Services (AWS)
- **Developer Tools:** Git, GitHub, Visual Studio Code, PyCharm, IntelliJ, Google Colab, Canva, Microsoft 360 Tools
- **Soft Skills:** Teamwork, Leadership, Public Speaking
- **Creative Skills:** Video Editing, Logo Designing

## CERTIFICATIONS

- IBM DevOps and Software Engineering
- Google AWS Cloud Solutions Architect
- Google Cybersecurity Professional Certificate
- Meta Principles of UX/UI Design
- Meta Programming in Python

## ACADEMIC ACHIEVEMENTS

- Authored over 1 research papers, with 1 successfully published.