

# Aakash Sagar

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## EDUCATION

**Master of Computer Applications, Graphic Era Hill University** 09/2022 – 07/2024  
8.95 CGPA Bhimtal, India

**Bachelor of Computer Applications, Kumaun University** 08/2019 – 07/2022  
Percentage : 74.03% Nainital, India

## WORK EXPERIENCE

**Software Developer Intern, Mangosorange Services Pvt. Ltd.** 06/2023 – 11/2023

- **Researched and documented** the design of an e-learning platform, improving user experience by integrating government schemes.
- **Developed and optimized** content structure by dividing it into three sections: Introduction, Present Status, and Recommendations.
- **Utilized GitHub for version control** and **Figma for prototyping**, improving workflow efficiency by 30%.

## PROJECTS

### YelpCamp

- **Engineered** a dynamic full-stack web application for browsing, adding, and reviewing campgrounds utilizing **Node.js**, **Express**, **MongoDB**, and **EJS**.
- **Leveraged** services like **Cloudinary** for managing image uploads and **MapTiler API** for mapping campground locations.
- **Implemented** robust user authentication via **Passport.js** and safeguarded inputs with sanitization middleware (**Express-Mongo-Sanitize**).
- **Crafted** a mobile-responsive interface using **Bootstrap**, enabling seamless CRUD operations for campgrounds and reviews.
- **Deployed** the application on **Render**, ensuring performance and availability.

### Auth App

- **Developed** an Android-based authentication app with **Java** and **XML**, incorporating **Firebase** for backend functionality.
- **Designed** an intuitive interface featuring nine interactive screens for user registration, login, and data validation.

### Portfolio Website

- **Created** a responsive portfolio site using **HTML**, **CSS**, and **JavaScript**, optimized for various screen sizes.
- **Highlighted** personal accomplishments through three sections: skills, achievements, and a contact form.

### Cat-Dog-Image-Classfier-using-CNN

- **Constructed** a machine learning model with **TensorFlow** and **Keras** to differentiate between cat and dog images, achieving **73% accuracy**.
- **Integrated** the classifier with a **Streamlit** web application, enabling users to upload images for prediction results.

## SKILLS

**Programming Languages** — C/C++, Java, Python

**Web Technologies** — HTML, CSS, JavaScript, Bootstrap, EJS

**Frameworks & Libraries** — React, Express, RESTful Routing

**Databases** — MongoDB, Firebase

**Machine Learning** — TensorFlow, Keras, Pandas, Matplotlib

**Tools & Technologies** — Git, GitHub, Streamlit, Mongoose

**Design** — Figma

**Mobile App Development** — Android Studio

**Data Tools** — Excel, PowerPoint

## ADDITIONAL

### Awards & Certifications

Cloud Computing-Jr Analyst (ESSCI), e-STC-"MALICON-2023", The Joy of Computing using Python (NPTEL), Cloud Practitioner Essentials with AWS (Aspire For Her), Digital 101, Certificate of Appreciation – Graphic Era Hill University (GEHU), Git/GitHub Essentials – GoHackathon, Certificate of Participation – TechWizards, Certificate of Participation – NIPAM

### Languages

English (Fluent), Hindi (Fluent)