

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

Full Stack 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 structured content** into three sections: **Introduction, Present Status, and Recommendations** for better readability.
- **Worked with the MERN stack**, implementing frontend components using **React.js** and designing APIs with **Express.js**.
- Utilized **MongoDB for database structuring**, **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-Classifer-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)