Saksham Sharma

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About Me

My expertise extends to the realm of artificial intelligence, where I've successfully developed two AI models using cutting-edge machine learning techniques. These models not only demonstrate my proficiency in the field but also highlight my commitment to pushing the boundaries of what's possible. I'm enthusiastic about staying at the forefront of technology and exploring new horizons in the world of coding. I look forward to connecting with like-minded professionals and potential collaborators who share my passion for innovation and excellence.

Education

Army Public School, Amritsar, IN   *Mar 2021 – Jul 2022*
All India Senior School Certificate (Class 12)

Alliance University, Bengaluru, IN   *Sept 2022 – Jul 2026*
Bachelor of Technology (B.Tech.) in Computer Science and Engineering   *Current GPA:3.1/4.0*

Work Experience

GitHub Workshop Mentor   *Nov 2023 – Nov 2023*
Alliance University Collab with Universiti Kuala Lumpur, Mentor   *Bangalore, IN*
- Advised **100**+ students on Version Control.
- Conducting training sessions.
- Conducted workshop on GitHub.

Researcher   *Sept 2023 - Nov 2023*
Alliance University | Guide: Dr. Chetan Shelke ⎘   *Bangalore, IN*
- Worked on Cancer Prediction Machine Learning Model Research Paper.
- Analyzed the performance and trained the model using different Algorithms and Confusion matrix for the best result.
- Trained Model with Random Forest Algorithm achieving **96.6**% accuracy.
- **Technology/Tools:** Tensorflow, Sci-kit learn.

Machine Learning Researcher   *Jun 2021 – Aug 2021*
Zyient | Company's LinkedIn: Zyient ⎘   *California, USA*
- Worked on optimization problems Adequate Algorithms.
- Analyzed the performance of algorithms and their approach to finding global minima.
- **Technology/Tools:** Tensorflow, Python

Freelancer   *Jan 2020 - Present*
Freelancer.com   *Bengaluru, India*
- A seasoned Full-Stack Engineer with expertise in designing seamless user experiences.
- A Strong foundation in machine learning to drive data-driven solutions and elevate product intelligence..
- **Technology/Tools:** Python, JavaScript, Quantum Algorithms, Integrated Information Theory, Sci-kit learn.

Projects

Breast Cancer Prediction Model Repository ⎘
Data Cleaning, Preprocessing and Visualization using Seaborne, used Python and Sci-kit learn, Kaggle for DB.
Image Processing Using OpenCV - Repository ⎘
This project implements image processing algorithms in python for visualization, on IBM Qiskit and Google Cirq and compares them with classical image processing.
Diabetes Prediction ML Model – Repository ⎘
Data Cleaning, Preprocessing and Visualization using Seaborne, used Python and Sci-kit learn, Kaggle for DB.
FINTRA Repository ⎘
Made a full-stack web app for personal Finance Tracking.

Skills and Certifications

Programming Languages: Python, JavaScript, C/C++.

Database: MSSQL, SQLite, MySQL, MongoDB.

Frameworks: React.js, Flask, Express, Node.
Certifications: Prompt Engineer, Digital Transformation with Google Cloud, Galactic-Problem-Solver In NASA Hackathon.
Work and Publications: Publications ⎘

Saksham Sharma

Versatile Dev: Code, Design, Create.

📍 Bengaluru, Karnataka, India

Highly motivated AI ML Developer with experience in developing some advanced machine learning Models such as Cancer Detection model and Diabetes Detection model. Skilled in programming languages such as Python, JavaScript, and Basic Web dev, with a proven track record in building successful AI models and some websites. Let's code the world into a better tomorrow!

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Work Experience

Web Developer • VASAAS

may 2021 - June 2021

- Developed a responsive Home page for major e-commerce work that increased user engagement by 58%

ML Developer • Cancer Detection Model

July 2023 - July 2023

- Our Cancer Detection Machine Learning Model, meticulously crafted using Python, represents a pioneering advancement in the realm of medical diagnostics. Leveraging the power of artificial intelligence, this innovative model is designed to assist healthcare professionals in identifying various types of cancer with unparalleled precision and efficiency.
- My Model has 97% Accuracy,
- Used 3 types of Algorithms to train the model such as Logistic Regression, Decision Tree and Random forest Accuracy Algorithm.

Education

Sep 2018 - Jun 2020

Army Public School Amritsar

Class 10th | Secondary School Exam (SSE)

Sep 2018 - Jun 2020

Army Public School Amritsar

Science (Non-med) | Senior Secondary Certificate Examination (SSCE)

Skills

Algorithms/Model   Programming Language

- User testing
- Web usability

- Logistics Regression
- Decision Tree
- Random Forest

- Python
- HTML
- CSS
- JavaScript