

Avinash Singh

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EDUCATION

BUNDELKHAND INSTITUTE OF ENGINEERING AND TECHNOLOGY, JHANSI
B.TECH (ELECTRICAL ENGINEERING)
2020 - till date | Jhansi, Uttar Pradesh

JYOTI NIKETAN SCHOOL AZAMGARH

ISC CLASS XII
Percentage: 80 agg

JYOTI NIKETAN SCHOOL AZAMGARH

ICSE CLASS X
Percentage: 85 agg

LINKS

Github:// [avinashsinghit](#)
LinkedIn:// [avinashsingh271](#)

SKILLS

MACHINE LEARNING | DEEP LEARNING | DATA ANALYST

Python, C++, SQL,
HTML, CSS, Django,
ScikitLearn, Tensorflow, Keras,
Snowflake, MongoDB, Firebase,
Machine Learning algorithms,
Deep Learning algorithms,
Statistics,
PowerBI,

ACHIEVEMENTS

- Recognized as a Grand Finalist in the KAVACH'23 Cybersecurity Hackathon, hosted by the Ministry of Education's Innovation Cell and AICTE.

EXPERIENCE

EDULYT INDIA | DATA ANALYST

August 2023 - Present

- Analyzed educational data, extracting insights driving a **15%** improvement in student outcomes.
- Leveraged Python, Pandas, NumPy, and Matplotlib for data analysis, contributing to **10%** cost savings and efficiently merged **10+** datasets using common features, streamlining information access.

PROJECTS

PHISHING DETECTION USING MACHINE LEARNING

HTML, CSS, Python, Django, BeautifulSoup, Selenium, Machine Learning

- Extracted and analyzed 21 features from four distinct categories: URL string-based, domain-based, HTML & JS-based, and abnormal-based features.
- Achieved a remarkable accuracy rate of 92% in identifying phishing attempts.
- Implemented a user-friendly reporting form to facilitate user feedback and refine the model.

STUDENT INFORMATION CHATBOT

HTML, CSS, Django, Dialogflow

- Comprehensive Student Platform: Empowering students with user-friendly information access.
- Used 14 Student Data Fields: Collecting essential information, such as name, DOB, roll no, branch, and more.
- Advanced Chatbot Integration with Google Dialogflow for 24/7 support.

FITNESS WEBSITE

HTML, CSS, JS, Firebase

- Authentication Prototyping: Implemented Firebase for secure user access.
- Efficient Data Management: Established Firebase storage for contact form data.

CERTIFICATIONS

Foundations of Modern Machine Learning from IIITH

- Acquired expertise in ML tools like Pandas, Numpy, ScikitLearn, Tensorflow, OpenCV, and NLTK through a 9-module course with the support of IIITH faculty and mentors.

iNeuron Machine Learning Certificate

- Completed a comprehensive 6-month machine learning program covering Python, SQL, and a wide array of ML algorithms.

iNeuron Python Certificate

- Intensive 1-month Python workshop, mastering fundamental concepts and practical applications.