

Randhir Kumar — AI & Full Stack Developer

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Education

Indian Institute of Science Education and Research (IISER) Pune
BS-MS Dual Degree 2023–2028 (Expected)
○ Major: [Your Major] with computational focus
○ Relevant coursework: Data Structures, Algorithms, Machine Learning, Statistics

Technical Skills

Programming: Python, JavaScript, Node.js, HTML/CSS, SQL
Frameworks: React, Next.js, Express.js, NumPy, Pandas, Scikit-learn
Tools: Git, MongoDB, Linux, Docker, Jupyter Notebooks
ML/AI: Supervised Learning, NLP, Neural Networks, Computer Vision
Other: Cybersecurity Fundamentals, Data Visualization

Projects

Machine Learning Projects.....

GitHub
Hinglish Smart Text Predictor 2024
○ Developed custom N-gram language model with Kneser-Ney smoothing for Hinglish text prediction
○ Achieved 85% prediction accuracy on test dataset
○ Technologies: Python, NumPy, NLTK

GitHub
Neural Network from Scratch 2024
○ Implemented feedforward neural network with backpropagation using only NumPy
○ Trained on Iris dataset achieving 95% classification accuracy
○ Added visualization of learning process and decision boundaries

Full Stack Projects.....

GitHub
Detoxify Productivity App 2024
○ Built wellness app with Pomodoro timer, journaling, and habit tracking features
○ Implemented responsive UI with CSS animations and local storage persistence
○ Technologies: Next.js, React, CSS Modules

GitHub
FunFindr Activity Finder 2023
○ Developed Express.js web app that suggests random activities using Bored API
○ Features: User authentication, activity filtering, responsive design
○ Technologies: Node.js, Express, EJS, Axios

Certifications

FreeCodeCamp

Legacy JavaScript Algorithms and Data Structures

2023

Udemy

The Complete Web Developer Bootcamp

2020