

# GARV AGARWAL

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[LinkedIn](#) [GitHub](#) [Portfolio](#)

## Education

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### Bennett University

*BTech Computer Science and Engineering*  
CGPA: 7.78

09/2022 – 07/2026

Greater Noida

- Relevant Coursework: Object-Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining

## Skills

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Databases: MySQL, MongoDB

Software/Tools: Google Workspace, Notion, Cisco Packet Tracer, Logisimtool, EDA Playground, Notion, VS Code, Android Studio, Tableau, MS Excel, Jira,

Programming Languages: C++, Python, HTML, Javascript, CSS

Technical Skills: Machine Learning, Deep Learning, Data Visualization, Statistical Analysis, Database Management

Libraries and Frameworks: Scikit-learn, TensorFlow, Pandas, NumPy, Matplotlib

Version Control: Git, GitHub

Other: APIs, Cloud Computing (AWS, GCP basics)

## Projects

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### Breast Cancer Prediction using SVM [Project Preview](#)

Python, Scikit-learn, Pandas

- Developed a machine learning model using Support Vector Machine (SVM) with 95% accuracy to predict breast cancer.
- Performed data preprocessing, feature scaling, and model evaluation using cross-validation techniques.
- Deployed the model using Flask, allowing real-time predictions.
- Visualized model performance with Matplotlib to interpret key metrics like precision and recall.

### Cypher Securities [Project Preview](#)

Python, Cryptography, Jira

- Engineered a user-friendly GUI encryption tool that incorporated AES and RSA algorithms, enhancing data protection for over 200 files during transfers while streamlining the security process for users.
- Integrated file encryption, ensuring the confidentiality of sensitive information during file transfers.
- Initiated a robust key generation system, facilitating secure message exchanges for over 100+ transactions.

### LinkedIn Job Posting Analysis Dashboard [GitHub](#) | [Live Demo](#) Python, Pandas, Streamlit, Matplotlib, Seaborn

- Developed an interactive dashboard to analyze LinkedIn job postings for Data Analyst and Data Scientist roles using Streamlit.
- Implemented dynamic filtering features using Streamlit sidebar to enable real-time exploration of **1000+ job postings** based on location and job title.
- Extracted and visualized top in-demand skills from job descriptions using Python-based text analysis and interactive visualizations.
- Deployed the dashboard on Streamlit Cloud, providing public access to job market insights and improving project accessibility.

## Achievements and Certificates

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Content Co-Head at Alan Turing Club, Bennett University

Ex-editorial head in IEEE, Bennett University

Certification in *IBM Machine Learning* by - [IBM](#)

Certification in *Australia Data Analytics Job Simulation on Forage* by - [Deloitte](#)

Certification in *Exploratory Data Analysis for Machine Learning* by - [IBM](#)

Certification in *Introduction to Computers and Operating Systems and Security* by - [Microsoft](#)