# ROHIT GHANVAT

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## SUMMARY

Final-year B.E. student in Artificial Intelligence and Data Science with hands-on experience in Python, Machine Learning, Deep Learning, NLP, and computer vision. Built AI and full-stack projects involving data preprocessing, model training, evaluation, and RESTful API-based web applications. Seeking an entry-level role in AI, data, or software development.

## PROJECTS

**Legal Assistance Chatbot**

- Built an NLP-based chatbot using Python, NLTK, and Scikit-learn to answer queries related to the Indian Constitution using text classification and FAQ-based matching.
- Performed text preprocessing, feature extraction, and rule-based response handling to deliver accurate legal information for non-technical users.

**Deepfake Face Classification**                                                          **GitHub Link**

- Developed and trained a CNN-based deep learning model using TensorFlow/Keras to detect AI-generated deepfake images, including image preprocessing and dataset preparation.
- Evaluated model performance using accuracy, precision, recall, and F1-score, applying computer vision techniques for model validation and analysis.

**Password Manager (React, Node.js, MongoDB)**                                            **GitHub Link**

- Built a full-stack password manager using React, Node.js, Express, and MongoDB with secure UUID-based data storage.
- Designed and implemented RESTful APIs, CRUD operations, and backend logic with authentication-related security features.

## EDUCATION

**B.E. – Artificial Intelligence & Data Science | 2021–2026 (Expected)**

- Datta Meghe College of Engineering, Navi Mumbai |CGPA: 6.69 (Till Semester VII)

**Higher Secondary Certificate (HSC) | 2022**

- C.K.T. Vidyalaya Junior College, Panvel | Percentage: 55.83%

**Secondary School Certificate (SSC) | 2020**

- C.K.T. Vidyalaya Junior College, Panvel | Percentage: 75.6%

## TECHNICAL SKILLS & CERTIFICATIONS

- **Programming & Version Control:** Python, Java (Basic)| Git, GitHub
- **Frontend & Backend:** React, HTML, CSS, Bootstrap, Tailwind | Node.js, Express, Django
- **Databases & Cloud:** MongoDB, PostgreSQL | AWS (EC2, S3 – basic)
- **AI / ML & Data Visualization:** Machine Learning, Deep Learning, Keras, NumPy, Pandas, Matplotlib, Power BI

**Certifications:**

- Oracle AI Foundations Associate – Oracle
- Alteryx Designer Core Certification – Alteryx
- Tata – Data Visualisation: Empowering Business with Effective Insights Job Simulation