Charcha Galav

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Personal Portfolio

EDUCATION

- **Government Women's Engineering College** — Ajmer, India
  Bachelor of Technology - Computer Engineering; CGPA: 8.42 — *2020 - Present*
  Courses: *Data Structures, Analysis Of Algorithms, Object Oriented Programming*

- **Bakhshi's Springdales School** — Kota, India
  Intermediate(12th): 89.2% — *2011 - 2019*
  Matriculation(10th): 9.6 CGPA

SKILLS

- **Languages**: C++, Python, HTML, SQL
- **Libraries**: OpenCV, Numpy, Pandas, Tensorflow, Scikit-Learn, Django
- **Tools**: Git/Github
- **Platforms**: Windows, GCP
- **Tech Skills**: DSA, OOP, OS, DBMS, Machine Learning
- **Soft Skills**: Event Management, Public Speaking

EXPERIENCE

- **Techsnap** — Remote
  Django Intern — *November'23 - Present*
  - **Project**: Recently joined TechSnap as a Backend Developer Intern, where I took on the exciting task of building a Candidate Recruitment System using Django.
  - **Learning**: Enhancing my skills by working on real-life projects.

- **GDSC Lead "23** — Remote
  Google Developer Student Club — *August'23 - Present*
  - **Leadership Impact**: Guiding a team of 9 core members as GDSC Lead, fostering collaboration.
  - **Event Success**: Orchestrated 2 events, attracting 100-120 participants, showcasing organizational prowess.

- **Atlassian** — Remote
  Apprenticeship — *April'23 - October'23*
  - **Learnings**: Acquired proficiency in Data Structures and Algorithms, improved communication and professional skills, and solved over 100+ coding problems.
  - **Industrial exposure**: Gained invaluable insights into Atlassian corporate culture, core values, and industry-leading best practices during my industrial exposure.

PROJECTS

- **Handwritten Digit Recognition System**: It has accuracy rate of 98.72% on the MNIST dataset. To enhance user interaction, I integrated this system with a Pygame-based graphical interface, allowing users to intuitively draw digits for real-time recognition and display, resulting in a seamless user experience. Tech: Python, Tensorflow (September '23)
- **FaceFlow Attendance**: Created a facial recognition based attendance system which consist of vibrant dashboard for real-time monitoring and automated record-keeping, slashing admin tasks. Enhanced user experience with seamless navigation for a time-saving, user-friendly attendance solution. Say goodbye to wasted 20 minutes marking attendance! Tech: (Flask)Python, HTML, CSS, JS, face-api.js, MongoDB (August '23)
- **Steganography (Image Processing, Cryptography)**: Developed a console-based program to securely encode text and image files within images, ensuring covert data transmission without being detected. Combining image processing and cryptography for seamless, secure information exchange. Tech: Python(Open CV2, OS) (August '21)

ACTIVITIES

- Amazon ML Summer School
  At Amazon ML Summer School, I dived into crucial topics such as Supervised/Unsupervised, Sequential, and Reinforcement Learning, Deep Neural Networks, Dimensionality Reduction, Probabilistic Graphical Models.
- Completed HacktoberFest 2022
  Contributed to open-source projects, resolving issues and submitting pull requests during the 1 month-long celebration of open collaboration.
- 30 days of Google Cloud (Google Developer Student Clubs)
  Engaged in daily challenges, expanding knowledge of Google Cloud technologies and fostering a deeper understanding of cloud computing principles.

COURSES & ACHIEVEMENTS

- Machine Learning Specialization by Andrew Ng (Stanford University) on Coursera
- Using Python to Interact with the Operating System, by Google on Coursera
- AICTE - Pragati Scholarship For Girl Student (Technical Degree)