

DHRUV CHOUDHARY

Bhopal, M.P. (462001) | (+91) 9039403840 | nrdhruv654@gmail.com



[/developer-dhruv.netlify.app/](https://developer-dhruv.netlify.app/)



[/sarcasticdhruv/](https://github.com/sarcasticdhruv/)



[/dhruv-choudhary-india/](https://www.linkedin.com/in/dhruv-choudhary-india/)

Education

Madhav Institute of Technology and Science, Gwalior

Oct 2022 – May 2026

Department Rank: 2

Gwalior, India

Bachelor of Technology in Information Technology (IoT), CGPA: 8.89/10

Google Courses - [Cyber Security](#)

May 2023 – Dec 2024

Grade Achieved: 96.83%

Kaggle - [Machine Learning](#)

Nov 2024 – Dec 2024

Course Completed

Technical Skills

- Languages:** Python, C/C++, SQL, JavaScript, TypeScript
- Development:** React JS, React Native, HTML, CSS, PostgreSQL, MongoDB, Redis, REST APIs, Microservices, Distributed Systems
- Cloud & DevOps:** GCP, AWS, Docker, Kubernetes, CI/CD, Git, GitHub, GitHub Actions
- Utilities:** Git, Github, Docker, Github Actions, Postman, Retool, Distributed Systems, REST APIs, AWS/GCP, Microservices, CI/CD, Kubernetes
- Coursework:** Distributed Computing, Data Storage, Machine Learning, Artificial Intelligence, Natural Language Processing, Information Retrieval, System Design, Cloud Security

Professional Experience

Cognifyz Technologies | Software Engineer (Internship)

Sep 2024 - Nov 2024

- Collaborated with a cross-functional team and demonstrated leadership to develop and deploy 3 new features using Python, reducing application load times by 20% and boosting user satisfaction scores by 15%.
- Took initiative as an enthusiastic contributor to implement caching strategies, improving backend scalability by 30% and enhancing system responsiveness.
- Worked across frontend, backend, and DevOps layers, showing versatility to ensure end-to-end system stability.
- Refactored legacy by applying problem-solving skills to achieve a 20% improvement in overall performance.

Academic Projects

FIRE NOTES

Tools: JavaScript and CSS | [Github](#)

A full-stack note-taking web application **developed using pure JavaScript and Firebase** for real-time data storage and authentication. It features distinct login, registration, and home interfaces, ensuring a seamless and secure user experience. The app delivers **intuitive real-time note management** with a responsive design across devices.

BRAIN TUMOR DETECTION

Tools: Python(CNN & Resnet) and Javascript | [Github](#)

An innovative deep learning model using an **enhanced CNN layer** integrated with attention mechanisms and resnet for brain tumor detection. This approach **outperforms traditional models** by capturing **subtle spatial dependencies in MRI scans**, enabling earlier and more accurate diagnosis.

CHEST X-RAY DISEASE CLASSIFICATION

Tools: Python | [Github](#)

Developed and deployed a deep learning-based **medical imaging model** using DenseNet-121 to **accurately detect early-stage diseases** in chest X-rays, significantly **enhancing diagnostic speed** and precision.

CHATBOT

Tools: Python | [Github](#)

This project contains files for a simple chatbot built using **PyTorch and NLTK**. The chatbot is trained on a set of intents and patterns defined in the intents.json file.

Positions of Responsibilities

GDSC MITS Gwalior

Volunteer

Aug 2023 – Present · 1 yr 7 mos

Funtech Club

Core Member / Content Head

May 2023 – Present · 1 yr 10 mos

Rocket Club

Vice-President

July 2023 – July 2024 · 1 yr

Campus Ambassador

Coding Ninjas

Aug 2023 – Aug 2024 · 1 yr

Techgig by TimesInternet

Dec 2022 – Dec 2024 · 2 yr (Remote)

Certifications & Licenses

Cybersecurity, Coursera Learner, (Google Career)

Issued Dec 2023, Credential ID – MV29HHPD8TNC

The Basics of Google Cloud Compute, Google

Issued Aug 2024, Credential ID – 12128810

Develop GenAI Apps with Gemini and Streamlit, Google

Issued Oct 2024, Credential ID – 12325966

Analyze Images with the Cloud Vision API, Google

Issued Sep 2024, Credential ID – 12242602

[Gen AI Study Jams – Cloud Skill Boost – 1](#)

[Gen AI Study Jams – Cloud Skill Boost – 2](#)

Achievements

- Smart India Hackathon (SIH): Advanced to Round 2 in a competitive national-level event.
- Odoo Hackathon: Ranked in the top 150 among numerous participants.

About Me

I'm a movie buff — got into programming back in high school, something about it just drew me in. I'm super curious by nature and always love digging into big questions, especially the cosmos. I've always been fascinated by Google—and genuinely excited about the chance to be part of it & explore my own 'Googliness' in a place that defines it.