

PRACHI SAMUEL

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[LINKEDIN](#) | [GITHUB](#) | [LEETCODE](#) | [GEEKSFORGEEKS](#) | [PORTFOLIO](#)

EDUCATION

National Institute Of Technology, Jamshedpur

Master Of Computer Application(MCA)
CGPA - 8.17

2022–Present
Jamshedpur Jharkhand

Guru Ghasidas Vishwavidyalaya

BSC (Hons) Computer Science
CGPA - 8.54

2019–2022
Bilaspur Chhattisgarh

Bharat Mata EM H S School

Class XII
Percentage - 75%

2018–2019
Bilaspur Chhattisgarh

TECHNICAL SKILLS

- **Languages:** C(Prior Experience), C++(Proficient), Java(Proficient), JavaScript(Prior Experience), Python(Prior Experience).
- **Web Technologies:** HTML, CSS, React.js, Next.js, Tailwind, Node.js, Express.js, Bootstrap, MongoDB
- **IT Constructs:** Data Structures, Algorithms, OOPS, Machine Learning

PROJECTS

OpenUp | [LINK](#) | [CODE](#)

- A mental wellness community web app that provides an anonymous space for users to unburden their hearts and minds.
- This platform fosters a supportive community, believing each shared thought is a step towards healing.
- TechStack Used: React.js, Node.js, Express.js, MongoDB, JWT Authentication

GetMeACoffee | [CODE](#)

- A web application that enables creators to receive support from their fans through donations.
- Featuring secure user authentication with multiple providers, a responsive user interface, and secure payment processing.
- TechStack Used: Next.js, Tailwind CSS, MongoDB

Car Management Application | [LINK](#) | [CODE](#)

- A full-stack web application that enables users to manage a list of cars.
- It includes features such as user authentication with JWT, car management (add, edit, delete), car search by title, description, tags, and also supports image uploads for cars.
- TechStack Used: React.js, Node.js, Express.js, MongoDB, JWT, Multer

Automatic License Plate Detection | [LINK](#) | [CODE](#)

- Developed and deployed a real-time license plate detection system using the YOLOv8 model.
- Trained the model on a custom dataset and built a user-friendly web application with Streamlit, allowing users to upload images and videos for license plate detection.
- TechStack Used: Python, PyTorch, YOLO, Object Detection, Computer Vision

Handwriting Identification Model | [CODE](#)

- Built a handwriting identification model using ResNet-18 architecture to classify handwritten text images and identify writers.
- Preprocessed dataset, trained the model, and achieved high accuracy on train and test datasets.
- TechStack Used: Python, PyTorch, ResNet-18, Image Processing.

EXTRACURRICULAR

- **Volunteer Experience:** Google Developer Group - Social Media Team Head(2024-25).
- **Leadership Experience:** Successfully led a dance group to victory at a college fest(2019).
- **Personal Interests:** Dance, Sports, Fashion.