

Rahul Biradar [B. Tech Computer Science Engineering]

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OBJECTIVE

As a determined engineering student with a robust academic background, I am deeply passionate about technology and creative problem-solving. My enthusiasm for tech drives me to stay at the forefront of industry advancements, particularly in the areas of Smart Contract Development, Backend Development, and Web Development. I possess strong communication and collaboration skills, enabling me to work effectively in team environments and contribute meaningfully to projects. I am eager to apply my knowledge and skills to innovative projects, where I can further develop my expertise and make a significant impact. My goal is to continuously learn and grow within the tech industry, while leveraging my academic foundation and practical experience to drive technological innovation and excellence.

SKILLS

C, C++, Python, JAVA, Rust, JavaScript, SQL, TypeScript, Figma, Canva, Roboflow, CVAT, labelImg, labelme, google colab, JavaScript, Bootstrap, React, Nextjs, tailwindcss, MySQL, Tableau, PowerBI, TensorFlow, Matplotlib, OpenCV, Seaborn, Pandas, Numpy, SciPy, YOLOV5, YOLOV8, REST, Docker, Express, PostgreSQL, Mongo DB

WORK EXPERIENCE

• Digichain Global

Lead Developer: Managed and executed diverse projects for a USA-based firm.

Multitasking: Efficiently handled multiple projects simultaneously using Rust, Solidity and Python.

Prototype Development: Led the creation of prototypes for various companies.

Documentation: Authored comprehensive developer documentation for multiple projects.

ACADEMIC PROJECTS

Number Plate Detection using YOLOv8

Developed a robust number plate detection system utilising the YOLOv8 (You Only Look Once) model in Python. The system accurately detects and extracts number plates from images, demonstrating high performance in various lighting conditions and angles.

AUXO

A decentralised exchange on the Diamante blockchain leverages AI-driven insights for real-time trading analytics and personalised recommendations, enhancing user experience and operational efficiency. It implements secure and seamless token exchange features with an intuitive user interface and accessible design.

Weapon Detection System

Developed a weapon detection system using the YOLO (You Only Look Once) model in Python, capable of identifying various weapons in real-time from video streams.

Insurance Premium Prediction

Created a predictive model using Jupyter Notebook to forecast insurance premiums based on customer data. Implemented multiple regression techniques to enhance prediction accuracy.

Daily Income and Expense Tracker

Built a Python application to track daily income and expenses, providing users with detailed financial summaries and insights.

E-commerce Marketplace

Designed and developed a marketplace application using Django, facilitating the buying and selling of products online with secure user authentication.

URL Shortener

Implemented a URL shortening service in Python, capable of creating shortened URLs and redirecting users efficiently.

POSITIONS OF RESPONSIBILITY

• Lead of the Management Community | Google Developer Student Club (GDSC), Amity University, Mumbai, India

As the lead of the management community at the Google Developer Student Club (GDSC), I organised hackathons and various workshops, effectively guiding the committee to success.

• Head of Django Workshop

I spearheaded a Django workshop that benefitted over 50 students, providing them with valuable skills and knowledge. I meticulously prepared comprehensive material to ensure effective learning and engagement throughout the workshop, demonstrating my commitment to education and my expertise in Django development.

EDUCATIONAL DETAILS

Masters in Full-stack Development | Itvedant

- B.Tech Computer Science Engineering (Artificial Intelligence and Machine Learning) | Amity University, Mumbai, India (2021- 2025)
- XII | State Board | Pace college, Mumbai, India (2021)
- X | (ICSE) | North Point School, Mumbai, India (2018)