

# Diya Srivastava

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**Github:**

<https://github.com/heydiyacodes>

**Leetcode:**

<https://leetcode.com/u/diyacodes/>

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## ABOUT

Greetings! I'm an ambitious leader driven by achievement, excelling in fostering team spirit. I'm an innovative problem solver with a knack for web development. From participating in national level hackathons like SIH to creating innovative projects, I've learnt a lot along the way. The experience of going the extra mile to perform better with each project has not only given me a whole new perspective about tech learning but also pushed me to learn further. My experience showcases strong project management, collaboration and content creating skills.

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## SKILLS & COMPETENCIES

- Programming Languages: Python, C++, Java, JavaScript
  - Frontend Development: HTML, CSS, JavaScript, React.js, Responsive Design, UI/UX Principles
  - Machine Learning & AI: Data Preprocessing, Model Training, Supervised & Unsupervised Learning, Regression, Classification, Clustering, Neural Networks (frameworks like TensorFlow, Keras, PyTorch)
  - Tools & Libraries: Tools: VSCode, GitHub, Figma (for UI design), scikit-learn, pandas, NumPy, Matplotlib, seaborn
  - Software Development: Object-Oriented Programming (OOP), Version Control (Git), Web Development (HTML, CSS, JavaScript, React)
  - Soft Skills: Problem Solving, Team Collaboration, Project Management, Leadership
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## EXPERIENCE

### GSSoC Contributor

#### GirlScript Summer of Code

Open-source contributor, worked with ML algorithms as well as constantly working to gain experience and organizational skills.

### SIH Contributor

#### Smart India Hackathon

Assisted the team in designing an interactive app to empower farmers, aiming to eliminate middlemen and increase their income making it to the final rounds of internal selections.

## PROJECTS

### NEON- A Multi Platform AI Assistant

A dual-input voice assistant cross-platform system that is designed to be used in local and remote voice interfaces for the execution of user commands. The system leverages the strength of OpenAI's Gemini API and is encapsulated in Flask.

**Skills:** Python, Flask, HTML/CSS, JS

### Project Exhibition-1

#### EcoEngine

An AI-powered chatbot using ConvAI powered by OpenAI's GPT-4 large language model and deployed within Unreal Engine, designed to educate users about climate change and carbon sequestration. It offers actionable solutions like afforestation and sustainable agriculture, with multilingual support.

**Skills:** ConvAI, Unreal Engine, Chatgpt-4, NLP

### John Hopkins University Hackathon- HealthHack

#### Personalised Healthcare

Developed a solution that supports personalized healthcare by leveraging data to create tailored treatment plans, predictive models and patient support tools.

**Skills:** HTML5/React, Node.js, Python(Flask), MongoDB, PyTorch

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## EDUCATION & CERTIFICATIONS

### VIT Bhopal University

Major: Bachelors in Computer Science

- Expected to graduate in 2027

### Postman Challenge

- Introduction to API networks

### GirlScript Summer of Code'24

- Contributor badge

### Certifications:

Fundamentals of AI/ML (Vityarthi)

Introduction to Problem Solving (Vityarthi)

Java Programming(Vityarthi)

Introduction to Machine Learning (NPTEL)

### Currently Learning:

DSA160 (Udemy)

Complete Web Development Course(Udemy)

IBM's Cybersecurity Analyst Summer internship

## EXTRACURRICULAR ACTIVITIES

### Core Member, iCreate Club

Technical club, working in PR and Outreach Team

### Core Member, Dance Club

Trained dancer leading in team management and event coordination

### Core Member, MUN Club

Dedicated debater with a passion for content writing and hosting delegate events

### Core Member, Photography Club

Aspiring creative editor and videographer, gaining hands-on experience as a member of the Media Team at VIT Bhopal University