

# Ami Haresh Khatri

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🌐 [github.com/amikhatri-07](https://github.com/amikhatri-07) | [in](#) LinkedIn

## Skills

**Languages:** C, C++, Java, Python, JavaScript, TypeScript, SQL, HTML, CSS and TailwindCSS

**Technologies & Tools:** Git, GitHub, Tableau, Power BI, Azure, Docker, JSON Web Token(JWT), NumPy, Pandas, Matplotlib, Seaborn, Bootstrap, Canva and Figma

**Interests:** Artificial Intelligence, Machine Learning, Deep Learning, Web Development

**Databases:** MySQL, Firebase

## Work Experience

**SimPPL-registered under Mozilla Firefox, New York**

Mar 2024 - Present

### AI/ML Project Contributor

- Developed an AI-powered chatbot for physiotherapy students and doctors to practice diagnostic skills, using a JSON-based backend for storing and retrieving patient case studies.
- Designed an interactive conversation system, allowing users to question a virtual patient, analyze symptoms, and make diagnostic decisions.
- Implemented a feature to automatically generate and export case studies as PDFs, providing users with detailed reference materials.

**Rogue Code, Mumbai**

Jun 2024 - Jul 2024

### Web Development Intern LOR

- Gathered requirements from clients and assisted in designing and developing static and dynamic websites using HTML, TailwindCSS and JavaScript.
- Maintained and managed client websites, ensuring smooth functionality and updates.
- Integrated Firebase to store and retrieve student details efficiently.
- Implemented EmailJS for automated email notifications and communication.

## Education

**Dwarkadas J.Sanghvi College of Engineering, Mumbai University, Maharashtra**

B.Tech in Artificial Intelligence and Data Science

**CGPA: 8.71/10**

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Natural Language Processing, Computer Networks, Machine Learning, Data Mining, Data Structures and Algorithms, Information Retrieval, Image Processing

**Swami Vivekananda International School and Junior College, Mumbai, Maharashtra**

Higher Secondary Education

**HSC: 87.00%**

**Parmanand Jethanand Pancholia High School, Mumbai, Maharashtra**

Secondary School Certificate

**SSC: 95.40%**

## Project Work

### • **PhysioPlay:** PhysioPlay

Developed PhysioPlay, an AI-powered chatbot for physiotherapy students and doctors to practice diagnostics. It features an interactive system for analyzing patient symptoms and a JSON-based backend for storing case studies. Users can also generate and export case studies as PDFs for reference.

### • **Fake News Detection System:** FakeNewsDetection

Developed a Fake News Detection model using Logistic Regression and TF-IDF to classify news articles. The project included data preprocessing, stemming, and stopword removal, achieving high accuracy with Python and scikit-learn.

### • **Email Spam Classifier:** SpamDetection

Developed a Spam Email Classifier using Logistic Regression and TF-IDF to categorize emails as spam or ham. The model was trained on email content, achieving high accuracy in predictions, and can classify new emails accordingly.