

# ROHIT PATIL

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## SUMMARY

Enthusiastic and detail-oriented individual seeking an entry-level position. Possesses strong analytical skills and a commitment to delivering high-quality work. Ready to contribute positively to a dynamic team environment.

## INTERNSHIP

### TAKE IT SMART Pvt Ltd.

Bengaluru, India

Software Developer Intern

Nov 2024 - Dec 2026

- Assisted in developing and testing cybersecurity solutions, focusing on improving system vulnerabilities.
- Implemented automated scripts using Python to enhance the efficiency of security assessments.
- Collaborated with the development team to integrate security protocols into existing software solutions
- Gained hands-on experience in penetration testing, risk assessment, and incident response.

## EDUCATION

### Visvesvaraya Technological University, Belagavi, India

Feb2024-Nov2025

#### Master in Computer Application

GPA: 85%

- Relevant Coursework: Data Structures and Algorithms, Advanced Software Engineering, Artificial Intelligence, Web Technology, Cloud Computing, Database Management.

## CERTIFICATE

### NPTEL Certification in Cloud Computing

Dec 2024

## PROJECTS

### AI Based Learning Path Generator

Jul 2025 - Present

Next.js, Genkit, TailwindCSS

- Developed an AI-powered system to generate personalized learning paths for programming students based on their current skill level and chosen language.
- Designed an interactive web interface using Flask, enabling user-friendly input and real-time output generation.
- Implemented backend logic in Python with JSON-based data mapping to provide topic sequencing, estimated study time, and curated resources.

### Lexical Cloud Creation

Jan 2025

Python, LSTM, Computer Vision

- Extracted image features using the pre-trained VGG16 model.
- Leveraged Computer Vision and NLP to generate meaningful image descriptions.
- Built and trained an LSTM Model for text generation-based image feature.

### House Price Prediction

Jul 2024

Python, Linear Regression

- Developed a machine learning model to predict house prices with 90% accuracy.
- Utilize Pandas, Numpy for Data preprocessing and Analysis.
- Implemented data visualization using Matplotlib and Seaborn to understand the trend.

## SKILLS

**Programming Languages:** Python, C#, Java, HTML/CSS, JavaScript, SQL

**Development Tools:** VSCode, Eclipse, Git, Docker

**Frameworks and Technologies:** Linux, Flask, Spring Boot, TensorFlow

**Cloud and DevOps:** AWS, Azure