

# VAIBHAV GHILDIYAL

India

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LinkedIn

GitHub

## Experience

### Technical Consultant - Full Stack Developer

Jun 2025 – Present

Vigility, Noida, India

Project: Digiice

- Developed and maintained modular UI components in React.js with shadcn/ui, improving frontend scalability and reducing UI rework.
- Implemented a live analytics dashboard with real-time visualizations by consuming REST APIs and processing uploaded datasets for instant insights.
- Worked closely with backend engineers to define API contracts and integrate REST endpoints, ensuring consistent data flow across services.

### Software Engineer Intern (Remote)

Apr 2025 – Jun 2025

YugYatra Retail Private Limited, Bangalore, India

- Designed and delivered scalable client-specific software features, reducing turnaround time for new deployments by 25%.
- Collaborated with clients to capture requirements and delivered 10+ customized functionalities within deadlines.
- Improved project workflows by fixing critical issues and optimizing performance, boosting overall system reliability by 15%.

## Projects

### AI-based Lung Disease Detector | Python, TensorFlow, MobileNet

May 2023 – Jun 2023

- Built a deep learning model using MobileNet to classify chest X-rays into four categories (normal, pneumonia, tuberculosis, and others).
- Applied transfer learning by fine-tuning pretrained MobileNet and optimizing hyperparameters to achieve high accuracy.
- Collected and augmented medical image datasets to enhance model generalization and robustness.
- Developed an end-to-end pipeline in Python and TensorFlow for automated inference and deployment.

### Front-End Online IT Course Website | HTML, CSS, Bootstrap, JavaScript, jQuery

Oct 2024 – Nov 2024

- Prepared a responsive front-end website for online IT courses with mobile-first design.
- Implemented interactive features using JavaScript and jQuery, and styled layouts with CSS3 and Bootstrap.

## Relevant Coursework

- Python Programming
- Machine Learning
- Data Structures
- HTML

- CI/CD
- JavaScript
- React.js
- Node.js

- FastAPI
- TensorFlow
- PostgreSQL
- Cloud Computing (AWS)

## Technical Skills

**Programming Languages:** Python, JavaScript, Java, HTML

**Libraries/Frameworks:** React.js, Tailwind CSS, Pandas, NumPy, Scikit-learn, FastAPI, TensorFlow

**Databases:** PostgreSQL, Firebase

**Tools & Platforms:** Jupyter Notebook, Git, GitHub, VS Code, Docker

## Education

### Bipin Tripathi Kumaon Institute of Technology

Oct 2021 – Jun 2025

B.Tech in Electronics & Communication Engineering

CGPA: 7.0

## Leadership / Extracurricular

### Vice Captain – College Football Team

Jul 2024 – Jun 2025

- Represented the university in inter-college football tournaments, highlighting leadership and sportsmanship.

### Technical Fest – Participation

May 2025

- Secured third place in Quiz and Circuit Implementation, demonstrating problem-solving and teamwork in competitive technical events.