

# VINAYAK GOPAKUMAR

Bangalore, Karnataka, India 560059

AI & ML Engineer, Passionate About AI and Cloud Technology

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## Education

### Sahyadri College of Engineering and Management

Bachelor of Engineering in Computer Science Specialized in AI & ML

Dec 2021 – Jun 2025

Mangalore, Karnataka

## Experience

### Mphasis Ltd

Project Intern

Oct 2024 – April 2025

Bangalore, Karnataka

- Conducted **system testing for HPE ProLiant servers**, ensuring optimal performance and reliability.
- Identified and documented **hardware and software issues**, improving system efficiency.
- Collaborated with the development team to enhance **server stability and security measures**.

### Megamind Studios

Full Stack Developer Intern

June 2022 – July 2024

Mangalore, Karnataka

- Developed **user-friendly and responsive UIs for 4 clients**, enhancing user satisfaction.
- Actively engaged in project meetings to address challenges and refine **teamwork and coordination**.
- Utilized collaboration tools like Slack, and Figma to improve efficiency and team communication.

## Projects

### Real time face lesions analysis and treatment recommendation system | Flutter, MNetV3, CNN July 2024

- Developed a machine learning application using MobileNetV3 and CNN for accurate skin condition identification.
- Integrated AI-based treatment recommendations, improving diagnostic accuracy.

### Law Firm Management System | MySQL, HTML, JavaScript

December 2023

- Users, including lawyers, staff, and clients, can efficiently **access case information, manage documents, and communicate** securely.
- The project exemplifies the seamless **integration of databases, Python, and MySQL** in the legal domain.

### AI Powered Virtual Assistant | Python, Google TTS

August 2023

- Built a real-time communication assistant, which can speak and listen and can help in assisting with day-to-day tasks virtually.

## Technical Skills

**Languages:** Python, Java, C/C++, JavaScript, HTML5

**Technologies/Frameworks:** Next.js, React.js, TensorFlow, Keras, PyTorch, Flutter, Google Cloud, Linux Kernel Development

**Databases:** MongoDB, MySQL

**Tools & Platforms:** VS Code, Android Studio, Git, Vercel, Firebase, Linux, ARM Architecture

## Organizations

### Visual Content Specialist - Microsoft Learn Student Ambassador SCEM

May 2024 – Jan 2025

- Developed engaging content for social media, presentations, and events to enhance the Microsoft Learn Student Ambassador program's visibility.
- Collaborated with student ambassadors to plan and execute cohesive promotional campaigns and branding.

## Certificates

### Introduction to Prompt Engineering and GenAI

Certificate issued by LinkedIn Learning

February 2025

Online

- Key Skills covered are **Prompt Engineering, AI Prompting and GenAI**

### Database and SQL

Certificate issued by Infosys SpringBoard

March 2024

Online

- Key Skills covered are **Database Management, Queries and SQL**