

Divit Rastogi

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EDUCATION

- **Bachelor of Technology, VIT Bhopal University** | Computer Science Engineering [2023 - 2027]
- **Senior School - The Modern School** | Grade 86.7% [2021 - 2023]
- **High School - The Modern School** | 85.4% [2019 - 2021]

SKILLS

- **Programming Languages:** C++, Java, Python, SQL, HTML, CSS, JavaScript, Node, Nodejs, React, API
- **Technologies and Frameworks:** Git, GitHub, Pandas, MySQL, Numpy
- **Web Development:** Full Stack Web Development

AI & Web Development Projects

- **[Aika - AI and Computer Vision Powered Security Dog](#)**
 - **YOLOv8 Real-Time Object Detection Model** - Detects potential threats like weapons and suspicious objects
 - **Hand Gesture & Movement Tracking** - Flags unusual behaviour
 - **Home Security Application** - Enhances safety with real-time monitoring
- **[Quick Serve - Elegance Served Quick](#)**
 - **Developed QuickServe, an all-in-one restaurant solution** with POS, QR-code menus, and admin tools to streamline operations and enhance customer experience.
 - **Built a robust Node.js, Express, and PostgreSQL backend** with Passport.js for secure authentication across admin, staff, and customer interfaces.
 - **Designed responsive EJS-based frontends** for comprehensive restaurant management, from customer ordering to administrative control.
 - **Automated key processes** including dynamic QR code generation, order/payment handling, and email notifications for restaurant page deployment.
 - **Integrated future AI insights (Gemini API)** for market trends and customer behavior analysis, enhancing data-driven decision-making for owners.
- **[HealthGuide: Personalized Web-Based Health Assistant](#)**
 - Developed a dynamic, single-page application using **HTML5, CSS3, and JavaScript (ES6+)** to track daily health metrics.
 - Implemented client-side data persistence with local storage for water, steps, and calorie trackers, ensuring data is saved across user sessions.
 - Designed a fully **responsive UI** with **CSS Flexbox and Grid** for optimal viewing on desktop and mobile devices.
 - Built a dynamic symptom checker that communicates with a **Python/Flask** backend to provide instant, data-driven health insights from an AI.
 - Utilized **Fetch API** for asynchronous communication between the front-end and a Python server, demonstrating full-stack integration.

CERTIFICATIONS

- Fundamentals of AI & ML (Issued by VITyarthi)
- The Bits and Bytes of Computer Networking (Issued by Google)
- The Full Stack Web Development Bootcamp (Issued by Udemy)
- Python Essentials (Issued by VITyarthi)

TECHNICAL ACHIEVEMENTS

- **G. Viswanathan 100 Days of Code Challenge:** Solved DSA questions for 100 days, strengthening my core fundamentals.

LEADERSHIP AND VOLUNTEERING

- **VIT Bhopal Men's Football Team** - Competed in national-level tournaments, showcasing teamwork and leadership.
- **Volunteer at Pahal Foundation** - Taught basic mathematics and elementary fundamentals to underprivileged children to bridge the opportunity gap.

