

Vaibhav Gupta

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Motivated postgraduate with a strong academic background seeking a challenging role in a dynamic, growth-oriented company. Eager to apply academic knowledge and gain practical experience.

EDUCATION

Manipal University, Jaipur **2023-2025**
Master of Computer Application | CGPA – 9.57/10

Maharishi Arvind Institute of Science & Management **2020-2023**
BCA (Bachelor of Computer Applications)

WORK EXPERIENCE / INTERNSHIP

Python Programming intern – CODSOFT (May 2024 - June 2024)

- **Weather Forecasting:** Developed a real-time weather forecasting application using APIs.
- **Password Generator:** Engineered a robust password generator that enabled users to create secure and customizable passwords, resulting in an estimated 30% improvement in account security.
- **Calculator:** Implemented an enhanced calculator with advanced features.
- **Todo List:** Built a user-friendly todo list application with add update and delete functionalities.
- **Contact Book:** Developed a comprehensive contact book system for managing and searching personal contacts.

Web Development Intern – TEACHNOOK (Jan 2024 - Mar 2024)

- **Full-Stack Development:** Demonstrated proficiency in full-stack development, revamping and maintained web applications using a diverse technology stack, including HTML, CSS, JavaScript, PHP, MySQL, Node.js, React.js, and MongoDB.
- **Enhanced User Experience:** Designed and implemented interactive layouts using HTML, CSS, and JavaScript to create a seamless and engaging user experience, ensuring cross-browser compatibility and high-quality design standards.
- **E-commerce Development:** Streamlined Craft Heaven, a fully functional e-commerce platform, incorporating robust user registration and authentication features for both sellers and buyers.
- **Agile Development:** Adapted quickly across multiple key assignments simultaneously during a rigorous internship program; findings from team retrospectives identified primary blockers impacting project speed and efficiency for future iterations.

PROJECT

CraftHeaven [[Google Drive](#)]

- **Full-Stack Development:** Built a comprehensive e-commerce platform using HTML, CSS, JavaScript, PHP, and MySQL, delivering a seamless user experience and optimizing performance.
- **Front-End Excellence:** Engineered the front-end interface within two weeks, leading to a significant increase in customer satisfaction ratings.
- **Interactive User Interface:** Composed an interactive JavaScript-based interface, resulting in a 25% increase in user retention and improved satisfaction scores.
- **Artisan Empowerment:** Enabled artisans to easily create profiles, list products, and manage transactions securely.
- **Robust Security:** Established strong security measures, including user authentication, data encryption, and secure transaction processes, to protect user information.

Login Page in Python using Django Framework [[Github Link](#)]

- **Streamlined User Onboarding:** Engineered a comprehensive registration system with robust password encryption, reducing average onboarding time by 60%.
- **Enhanced Security:** Devised and integrated an email verification feature to strengthen security and improve user authentication processes.

Voice Assistant using Python [[Github Link](#)]

- **Developed a voice assistant application** by leveraging various Python modules and libraries, including speech recognition, text-to-speech, and natural language processing tools.

- **Web Automation:** Leveraged Selenium to automate web interactions, enabling efficient data extraction and testing for enhanced efficiency.

Stock Price Prediction [[Github Link](#)]

- **Predictive Modeling:** Developed a stock price prediction project using Python, incorporating libraries such as Pandas, NumPy, and Scikit-Learn for data analysis and machine learning.
- **Data-Driven Forecasting:** Utilized historical stock data to train predictive models, applying data analysis and forecasting techniques to generate future price predictions.

CRUD Operations [[Github Link](#)]

- **Efficient Data Management:** Executed CRUD operations using Node.js and MongoDB, ensuring robust data management and scalability.
- **Server-Side Development:** Leveraged Node.js for efficient server-side scripting, optimizing application performance.
- **Flexible Data Storage:** Utilized MongoDB for flexible and scalable data storage, enhancing database performance and adaptability.

CERTIFICATIONS

- Crash Course on Python by Google Coursera
- Introduction to Cybersecurity by Cisco
- Web Development Internship Certificate by Teachnook (Btech Walleh)
- Introduction to Front-End Development by META Coursera
- Python Internship Certificate by CODSOFT
- Gen AI & PromptCon Workshop by DAR MUJ

TECHNICAL SKILLS

- Programming Languages: Python, Java, C, C++
- Web Development: HTML, CSS, JavaScript, PHP, Node.js, Django, React
- Database Management: SQL, MongoDB
- Artificial Intelligence: Machine Learning, Data Analysis
- Software Tools: Microsoft Word, Excel