Vaibhav Gupta

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Motivated and ambitious postgraduate student with a strong academic foundation, actively seeking to launch a career in a dynamic and growth-oriented environment. Eager to leverage academic knowledge and gain hands-on experience in a professional setting.

A passionate Frontend Developer with a drive to create exceptional user experiences through the use of HTML, CSS, and JavaScript. Seeking a position to leverage strong technical and problem-solving skills and extensive web development knowledge to achieve organizational efficiency, reduce page load speeds, and optimize user interfaces.

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: Real-time weather updates using APIs.
- Password Generator: Tool for creating secure, customizable passwords.
- Calculator: Basic arithmetic operations with extended features.
- Todo List: Task management with add, update, and delete functionalities.
- Contact Book: System for managing and searching personal contacts.

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

- **Leveraged a diverse technology stack including HTML, CSS, JavaScript, PHP, MySQL, Node.js, React.js, and MongoDB** to build and enhance web applications.
- Developed an interactive layout, using HTML, CSS and JavaScript to generate an improved user experience and ensure high-quality design and cross-browser compatibility
- **Contributed to various projects during a fast-paced two-month internship**, gaining experience in both minor and major development tasks.
- **Created a fully functional e-commerce website, Craft Heaven**, incorporating features for user registration and authentication, including seller and buyer SignUp/SignIn functionalities.

PROJECTS

CraftHeven [Google Drive]

- **Built a web application using HTML, CSS, JavaScript, PHP, and MySQL**, incorporating essential technologies for both front-end and back-end development.
- **Developed an interactive user interface with JavaScript**, which contributed to a 25% increase in user retention and improved satisfaction scores among target audiences in the first quarter.
- **Enabled artisans to create profiles, list products, and manage transactions securely**, focusing on a seamless experience for buyers.
- **Implemented robust security measures**, including user authentication, data encryption, and secure transaction processes to protect user information.

CRUD Operations [Github Link]

- **Implemented Create, Read, Update, and Delete (CRUD) operations** using Node.js and MongoDB, ensuring robust functionality for data management.
- **Utilized Node.js for server-side scripting**, providing an efficient and scalable runtime environment for JavaScript applications.
- **Employed MongoDB for flexible and scalable data storage**, optimizing database performance and adaptability.

Login Page in Python using Django Framework [Github Link]

- **Implemented a secure login page using the Django framework**, enhancing proficiency in Django

functionalities and best practices for web development.

- **Developed and integrated an email verification feature** to bolster 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.
- **Implemented web automation and interaction using Selenium**, enabling automated browsing, data extraction, and testing for enhanced efficiency.

Stock Price Prediction [Github Link]

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

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