Vishesh Gupta

+91 892 315 0910 | linkedin.com/in/vishesh-gupta-1000 | guptavishu1000@gmail.com

EDUCATION

Indian Institute of Technology (BHU), Varanasi   11/2020 – 05/2024
Bachelor of Technology in Civil Engineering   CPI – 8.39

TECHNICAL SKILLS

Programming Languages: C++, C#, Python, JavaScript, SQL, YAML

Tools and Frameworks: .NET, REST API, Django, FASTAPI, ReactJS

Area of Interests: Data Structure and Algorithms, Object-Oriented Programming, Design Patterns, Databases

EXPERIENCE

WiseTech Global   07/2024 – 07/2025
Associate Software Engineer   **Bengaluru, Karnataka**
- Collaborated in **Dangerous Goods** - International Logistics project (processing **~10%** of Global Cargo)– Automated the generation of critical shipping documents such as Dangerous Goods Declaration, Multimodal DG Form, etc. by integrating core system into Excel Templates; deployed within Cargowise, a platform used by **16k+** clients.
- Developed **full-stack DG-Web Portal** using internal low-code framework (Vue.js, .NET), configuration in **YAML** files, integrated with tests in **Jest** framework - Typescript. Engineered **ASP.NET Web APIs** for segregation check of Multiple DGs, re-constituted database for multiple packaging layers of DGs.
- Adopted and adhere to **Test-driven Development (TDD)**, Refactored legacy code based on Entity Framework ORM schema, reducing the Database server load by **6%** and enhanced data reliability.
- Multitargeted & migrated previous codebase to **.NET 8 (Core)**, optimizing product's efficiency by over **16%**. Worked in **Customs – Italy** project, Applied complex NCTS rules and validations in the Customs Declaration Forms.
- Exposure*:* C#, .NET, MVC, OOP, TDD, WPF, WinForms, Visual Studio 2022, MS SQL Server, Azure DevOps, CI/CD Pipeline, GitHub Copilot, Agile, Kanban, UAT, DBD, NUnit, Moq, LINQ, Design Patterns, IIS, TypeScript, Debugging, Troubleshooting

Microsoft   05/2023 – 07/2023
Software Engineering Intern   **Hyderabad, Telangana**
- Integrated **Shimmer Feature** in **Word Application** for **iOS Devices**, showing the loading status of file opening operation instead of blocking UI with Progress dialog box. **Optimized Actual Performance** by **8%** through parallel loading, Increased **Perceived UX Performance** by smooth and seamless transition.
- Implemented an **Event listener** for file opening operations with shimmer effect; integrated Swift files into Objective-C via a new iOS Dev **target**; engineered a responsive **back button** to cancel file operations during loading, ensuring UI-thread execution for smooth UX.
- Exposure: iOS App development, Objective-C, C++, Swift, Xcode, OOP, Multithreading.

PROJECTS

Smart Attendance System   04/2022 – 07/2022
Microsoft Engage Mentorship Program 2022
- Designed user-friendly **Desktop application** with modern & customizable TKinter GUI, integrating OpenCV's facial recognition to streamline attendance for **20+** classes and improved data reliability.
- Exposure: OpenCV, Python, Git, GitHub, Tkinter, Canva, Haar-cascade, LBPH Algorithm, MS excel. DEMO

Quick-Sell-Wholesaler Web Application
- Built a **full-stack web application** for wholesaler, with two independent microservices – inventory and payment
- Architect **FASTAPI** backend, ReactJS Frontend with **CRUD** operation using REST API and **REDIS** Database Integration.
- Exposure: FASTAPI, Redis Database, ReactJS, Hashing, Git, GitHub, Postman. GITHUB

ACHIEVEMENTS

- Among Top 0.7% of 1M+ candidates applied for IIT JEE 2020, qualified NEST Exam(research) with AIR 284.
- Secured 1st Position in Polyglot Coding Event in Technex 2023, 2nd Position in CSoC-2021 ML Category.
- Other Academic Achievements include Manager in Spardha Fest, Senior Induction Mentor in SCS, IIT(BHU) (2022-23), Academic Mentor in Civil Engineering Society (CES), IIT(BHU).
- Rated **Expert** (1601) on Codeforces, 4-star(1990) on Codechef, solved > 2K coding problems. Best Rank: 367 (CF #797)