Vishal Bhowmick

vishalbhowmick101@gmail.com | [LinkedIn]() | [Github]() | [Leetcode]() | **+91-8384041711**

Work Experience

TA Netgables Pvt Ltd (Saralweb)   Dec 2022 – Present
Software Engineer   Noida, India

- Developed a scalable payroll system for over 150 contractors, reducing payroll errors by 15%.
- Optimized PostgreSQL database performance, reducing data retrieval times by 20%.
- Worked with Linux containers and Docker for application packaging and deployment.
- Developed and deployed a cloud-based contract management system on AWS (EC2, S3, RDS, Lambda), streamlining workflows and saving 400 hours of administrative work per month while improving reporting and performance.
- Collaborated with UI/UX designers to develop VueJS components, improving user satisfaction by 15% through clear communication and teamwork.
- Conducted code reviews, ensuring adherence to best practices and improving overall code quality.

Education

Bhagwan Parshuram Institute of Technology (GGSIPU), **2018 - 2022**

Bachelor of Technology, Information Technology
CGPA: **8.41**

Skills

- **Languages**: HTML, CSS, JavaScript, TypeScript, C++, Python, Java.
- **Libraries**, **Frameworks**: ReactJS, VueJS, ExpressJS, NodeJS**,** GraphQL, Springboot.
- **Tools and Software**: Docker, Jenkins, Kubernetes, Git, JIRA**,** Postman, Babel, Webpack.
- **Database:** MySQL, PostgreSQL, MongoDB.
- **Subjects**: Data Structures and Algorithms, Object-Oriented-Programming (OOPS), CI/CD, Software Development Life Cycle (SDLC), Agile Methodology, Operating System**,** Database Management System, System Design

Project

- **Deal Predator – A Real time Price tracker and alerter ([Link]())** :-   *Python, Flask, SQLite*

  - Developed a customizable price tracker that monitors e-commerce websites and notifies users via Telegram when products reach target prices.
  - Implemented web scraping with Selenium to extract real-time product pricing and availability data.
  - Built a Flask backend to handle product tracking, user-defined price targets, and Telegram notifications.
  - Designed an intuitive HTML/CSS dashboard for users to set targets and track price changes efficiently.

- **Devta – A devutils like opensource toolbox ([Link]())** :-   *JavaScript,VueJs, BootStrap*

  - Contributed to Devta, an open-source developer toolkit offering a unified platform for everyday tasks like format conversion, hashing, minification, and time manipulation.
  - Ensured efficient client-side processing, keeping conversions secure and performant without relying on external servers.
  - Helped develop a responsive web app using Vite (Vue.js) and Bootstrap, designed for both mobile and desktop users with plans for an Electron-based offline version.