

Shagun Gupta

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EDUCATION

GL Bajaj Institution of Technology and Management

Bachelor of Technology in Computer Science(Data Science)

Nov 2022 – present

Lancer's Convent School

General Education

2009 – 2022

EXPERIENCE

Automation Intern

04 August 2025 – Present

Evalueserve

Hybrid

- Developed and deployed Excel Macros and Python-based automation scripts to streamline HR workflows, significantly reducing manual effort and processing time.
- Integrated Microsoft Graph API to fetch, process, and synchronize SharePoint data, and automated email communication directly through API-based workflows.
- Contributed to building a meeting scheduler tool, collaborating with peers to integrate Outlook calendar functionality using Graph API endpoints.
- Partnered with the Business Transformation department to identify and automate repetitive administrative tasks, enhancing reporting accuracy and enabling HR teams to focus on strategic workforce initiatives.

Product Development Intern

05 March 2025 – 05 May 2025

Tech Mahindra Ltd.

Hybrid

- Developed an application for student management system using rest based API using flask and python.
- Integrated real time chat between two users using web sockets
- Added user authentication using JWT authorization token

SWE Fellow

July 2024 – September 2024

Headstarter AI

Remote

- Built a responsive portfolio website using HTML, CSS, and Bootstrap to showcase skills and replace traditional resume format
- Participated in a week-long hackathon, collaborating with peers to develop and present a functional prototype.

PROJECTS

Stonks – Trading Stimulator | *Java, Spring Boot, React.js, MySQL, MUI*

- Full-stack stock trading simulator built with Java Spring Boot, React.js, MySQL, and Material UI.
- Integrated a stock market API to enable real-time stock search, simulated buy/sell transactions, and portfolio tracking with dynamic profit/loss calculations.
- Designed an interactive, responsive dashboard with portfolio tables, transaction history, and line charts for stock price trends, showcasing full-stack development and data visualization skills.

Code Kombat | *React.js, Firebase Firestore, REST APIs, JavaScript, HTML, CSS, Monaco Editor*

- Built an interactive online coding game where multiple users can join a room, compete to solve algorithmic problems, and see real-time updates of player scores and progress using React and Firebase Firestore.
- Implemented variable difficulty levels (easy, medium, hard) with corresponding countdown timers, automatic game termination on time-out or correct submission, and instant leaderboard updates for competitive gameplay.
- Integrated Judge0 API for executing user-submitted code in real-time, validating outputs against multiple test cases, and supporting multiple programming languages, providing a full-stack coding challenge experience.

PokéWiki – API Integration Project | *Python, Tkinter, REST API*

- Developed a desktop application with Python Tkinter that integrates the PokéAPI.
- Implemented dynamic search to fetch and display Pokémon data including stats, abilities, and evolution chains.
- Designed an intuitive GUI to present API results in a user-friendly manner.

TECHNICAL SKILLS

Languages: Java (Proficient), Python, C/C++, SQL, JavaScript, HTML/CSS, Tailwind CSS, Typescript

Frameworks: Spring Boot, React.js, Node.js, Flask, Next.js, Material-UI, shadcn.ui

Databases: MySQL, PostgreSQL, MongoDB (basic), Firebase(Firestore)

Version Control: Git, GitHub

Concepts: OOP, REST APIs, CRUD Operations, Authentication (JWT/OAuth), WebSockets, Debugging, DSA

Other: Excel Macros, Postman, Agile basics

Libraries: pandas, NumPy, Matplotlib