# JAI GUPTA

📞+91-7354668484 | ✉ jaigupta004@gmail.com | 🔗LinkedIn | GitHub

## ABOUT ME

A fast learner with a strong passion for self-learning, constantly seeking to expand knowledge and skills in dynamic environments. Known for adaptability, a proactive approach, and commitment to achieving results.

## EDUCATION

| Degree | Institute | CGPA/Percentage | Year |
|---|---|---|---|
| B.E. in Information Science & Engineering | B.M.S. College of Engineering | 9.02 | 2022-Present |
| Senior Secondary | Macro Vision Academy | 96% | 2021 |
| Secondary | Macro Vision Academy | 95.8% | 2019 |

## WORK EXPERIENCE

- **Zero65 Technologies** *September 2023 - September 2024*
  *SDE Intern* Bengaluru
  **Project Title:** Indian Stock Market & Storage NPM Packages **GitHub Organization**
  – INDIAN-STOCK-MARKET: Enables querying trading schedules, market openings, and expiry dates for the Indian Stock Market.
  – STORAGE: Facilitates seamless integration between the local file system (FS) and Google Cloud Storage (GCS), with built-in caching and easy configuration.
  – Implemented robust unit testing across both packages to ensure reliability and maintainability.
  – Achieved over 200+ weekly downloads collectively.
  – Designed with modular, reusable code to support integration in diverse Node.js projects.
  **Project Title:** FINANCE TRACKER
  – Built an all-in-one financial management solution for everyday users and small businesses.
  – Led backend development for the project, implementing RESTful APIs, data processing and secure transactions.
  – Contributed to Front-End development efforts by interactive features.

## PROJECTS

- **BEIJING PM2.5 PREDICTION** **GitHub**
  – Built and evaluated multiple regression models (Linear Regression, SGD, Random Forest, Cat Boost) to predict PM2.5 levels using scikit-learn.
  – Achieved optimized performance using Cat Boost Regressor with metrics: R2 score and MSE.
- **GITHUB README GENERATOR** **Website Link**
  – Created a GitHub README generator to automate project documentation.
  – Deployed backend in AWS and Frontend in Vercel.
  – Ensured consistent and informative documentation across projects. Improving developers efficiency.
- **YAPYAP - A CHAT APPLICATION** **GitHub**
  – Developed a real-time chat application using Flutter and Firebase with features like user authentication, friend listing, and live messaging.
  – Built modular UI with intuitive navigation, message alignment, and profile update functionality for enhanced user experience.
- **CLI TODO APP - BUILT WITH GO** **GitHub**
  – Built a modular command-line To-Do application in Go with advanced task management features, filtering, and persistent storage.
  – Designed an intuitive, visually enhanced CLI interface for improved user experience and productivity.

## TECHNICAL SKILLS

- **Programming Languages** : Javascript, Python, C/C++, Java, Go, SQL, Kotlin, Dart
- **Frameworks** : Node.js, Express.js, Vue.js, React/Next.js, Flutter, Jest
- **Tools** : Google Cloud Platform, Azure, AWS, Firebase, Vercel, Postman, Docker, Kubernetes
- **Coursework** : Data Structures and Algorithms, Object Oriented Programming, Operating Systems, DBMS, Machine Learning, Unix Tools and Scripting, Service Oriented Architecture, Cloud Computing, Full Stack Development

## CERTIFICATIONS

- Google Cloud Career Launchpad Cloud Engineer **Google Cloud**
- Introduction to Generative AI, Prompt Design in Vertex AI **Google Cloud**

## EXTRA-CURRICULAR ACTIVITIES

- **Web3 Community Head, BMSCE IIC**: As the Web3 Community Head at the Institution Innovation Council, I organized events focused on Web3 technologies, promoting awareness and engagement within the student community.
- **Web Developer, SANKHYOTSAV**: Collaborated with a team to develop a website for the club fest, enhancing the event's online presence and accessibility. (**Website link**)
- **Event Coordinator, SANKHYOTSAV**: Demonstrated strong communication and organizational skills by coordinating events to enhance engagement between the club and students.