Jagrit Thapar

✉ contact@jagrit.dev   ⊙ jagrit007   in jagrit007   ⦿ Punjab   ➚ www.jagrit.dev

🎓 EDUCATION

Master of Computer Applications, *Vellore Institute of Technology*
Aug 2023 – present
Vellore, Tamil Nadu

Bachelor of Computer Applications,
Punjab College of Technical Education, Punjab ⧉
2020 – Jun 2023 | Ludhiana, India

10+2 High School, *Bhartiya Vidya Mandir, Punjab*
2019 – 2020 | Ludhiana, India

💼 PROFESSIONAL EXPERIENCE

Backend Engineer (Freelance), *InvestyWise* ⧉
Jun 2020 – Dec 2022 | India

- **Docker** for containerization of Applications
- **Webhooks** for real-time data exchange
- **Serverless functions** for scalable architecture
- Fast, scalable, and responsive **Telegram bots**
- **Web scraping** using BS4, Selenium, Requests in Python
- Website **development**, **maintenance**, and **management**
- Shell and Python **automation** for streamlining repetitive tasks and improving workflow efficiency.

🧠 SKILLS

Backend	Database Management	Cloud Technologies	Languages
REST, JSON API, Express.js, Flask, FastAPI, GraphQL, JWT, Nginx, Apache	*Microsoft SQL Server, Oracle, PL/SQL, MySQL, MongoDB, Redis Key-Store*	*Docker, Kubernetes, Google Cloud, Oracle Cloud Infrastructure, Ansible, Reverse Proxies, Serverless Functions*	*Python, Java, JavaScript, C++, C, PHP, Shell scripting*

📂 PROJECTS

Telegram Clone Bot, *Python, Google Drive API, Telegram Bot API, Docker*
↪ **300+ Stars** and **450+ Forks** on GitHub and **10K+** views on setup Tutorial Video

Microsoft Graph API Tools, *Python, Cron Jobs, Automation*
↪ Production-ready Python SDK for OneDrive utilizing Graph API. Cron jobs for automatic website backups.

Zerodha Lead App, *Python, CSV, Excel, Data Processing*
↪ SaaS product for Zerodha brokers and partners, enables lead registration from diverse sources, facilitating commission earning upon successful lead registration.

WordPress Websites, *PHP, WordPress, WP-Themes, WP-Plugins, Website Customization*
↪ Managed and customized numerous WordPress websites for clients, including migrations, upgrades, and troubleshooting to ensure optimal performance and security.

Reddit Media Bot, *Python, RedditAPI Endpoints, JSON, Telegram API*
↪ Scalable Python bot to fetch and publish media from reddit communities to telegram channels.

IPO Tracking Website, *Python, ReactJS, NodeJS, Flask API Endpoints, RDBMS, TailwindCSS*
↪ Designed and developed a user-friendly web app for tracking IPOs with live data and detailed info.

Music Web App, *MERN Stack, TailWindCSS, Python, Express.js API, Flask API, RDBMS, GeniusLyrics API*
↪ Responsive web app for searching, streaming and downloading music.

IoT Automation Prototype, *ESP8266, FastAPI, Telegram API, Apple Shortcuts, IFTTT, Google Assistant and Siri*
↪ Project aimed at automating various tasks. Leveraging ESP8266 Wi-Fi board with Python's FastAPI, Telegram Bot, Apple's Automation Shortcuts, and Voice Assistants such as Siri and Google.