

RITESH BRAHMACHARI

Python Full Stack Developer

brahmachariritesh508805@gmail.com ♦ +91 9692382203 ♦ riteshbrahmachariportfolio.vercel.app/ ♦ [Github](#)

OBJECTIVE

A aspiring full stack developer and Data analyst with hands-on training in Python, frontend technologies, and databases with DA Tools. Looking to contribute to real-world projects while continuing to learn and grow in a collaborative environment.

SKILLS

Languages	Java, Python, JavaScript, HTML, CSS
Frameworks	Flask, Django, Streamlit, Tkinter
API Development	RESTful APIs, FastAPI
Databases/Tools	MySQL, PostgreSQL, SQL Server, Version Control (Git), AWS
Data Analysis /BI Tools	Power BI, Tableau

EDUCATION

Silicon Institute of Technology B.Tech in Computer Science Engineering	2021 - 2025 (CGPA - 7.66)
Intermediate , in Science (PCM and IT) Newton Higher Secondary School	2019 - 2021 CGPA - 7.52
Metric , in General Studies Phanchyat High School	2019 CGPA - 6.92

TRAINING

Python Full Stack Development Trainee Test Yatra / Qspider	May 2025 - Present
<ul style="list-style-type: none">Designed and maintained RESTful APIs using Flask for frontend-ML model integration. Implemented middleware for authentication, validation, and request handling.Applied OOP principles and clean coding standards. Worked with MySQL for queries, schema design, and API persistence. Wrote unit tests (PyTest, Unittest) for reliability.Collaborated using Git workflows (branching, merging, PRs).	

PROJECTS

Fraud Detection System (Flask, ML API, Random Forest) – Developed a self-learning **ML system** using the **Random Forest Algorithm** to detect fraudulent **URLs** and **QR codes**, with applications in secure online payments. Implemented a **Flask + MySQL backend** exposing **REST APIs** for predictions, storage, and retrieval. Added an interactive **data visualization dashboard** for analyzing fraud patterns. [Live Demo](#)

Cafe Management System (Json, Streamlit) – Built a full-stack café management application with **dynamic time-based menus**, real-time order processing, and automated **PDF bill generation**. Integrated **JSON-based menu storage** for flexibility and **session management** for personalized orders. Enabled discounts, tax calculations, and dual (day/evening) menu support for enhanced customer experience. [Live Demo](#)

Banking Management System (Tkinter, SQL, OOP) – Engineered a **GUI-based banking solution** using **Tkinter** and **SQL database**, following strict **OOP principles**. Implemented secure PIN-based login and operations including deposits, withdrawals, balance checks, and profile updates. Focused on **secure database integration** and scalable design. [Live Demo](#)