Saurav Kumar

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SKILLS

Languages	:	Python, JavaScript, TypeScript, C++, React, HTML, CSS, Motoko
Dev Tools	:	Dfinity SDK, Visual Studio Code, Git, GitLab, Jupyter Notebook, Selenium, Flask, FastAPI
Databases/API	:	Firestore, PostgreSQL, REST APIs, Firebase, FAISS, Transformers

PROJECTS

CareerZenith   Feb '25 – Present
React, Firebase, FastAPI, Python, Transformers, Firestore, Chart.js

- Built an AI-driven platform recommending jobs using Transformers and fuzzy skill matching.
- Designed microservices with Flask/FastAPI for jobs, trends, and user analytics.
- Scraped Coursera to suggest personalized upskilling courses via skill-gap analysis.
- Added GDELT-based job news and trend dashboards using Chart.js and Firestore.

Expedia Automation   Jan '25 – Mar '25
Python, Selenium, WebDriver

- Automated flight search processes on Expedia using Selenium WebDriver.
- Streamlined regional settings adjustments and flight option selections.
- Captured screenshots of selected flights for user reference.
- Enhanced user experience by reducing manual effort in flight booking.

Credit-Based Document Matching   Oct '24 – Dec '24
Python, FAISS, BERT, Flask, PostgreSQL

- Developed an AI-powered document scanning and matching system with a built-in credit system.
- Implemented a daily free scan limit with admin-approved credits for additional scans.
- Utilized FAISS and BERT embeddings for efficient document matching.
- Integrated user roles and admin analytics for enhanced system management.

ACHIEVEMENTS

- **ICP SG Codefest 2024:** Won 3rd place in the *main track* and awarded *Best Green Tech Solution*.
- **Leadership:** Led a team of international students, showcasing effective team management and collaboration.
- **Decentralized App Contest:** Secured 3rd position in *Hack the Planet* hackathon.

CERTIFICATES

- **Blockchain Security** | Coursera   Feb '24
- **Introduction to Cyber Security Essentials** | Coursera   Nov '23

EDUCATION

Lovely Professional University   Jalandhar, Punjab, India
Bachelor of Technology in Computer Science and Engineering | *CGPA*: 7.90   *Aug '21 – Aug '25*

DALIMSS Sunbeam School   Varanasi, Uttar Pradesh, India
XIIth with Science | *CGPA*: 9.16   *Apr '19 – Mar '21*

DAV Public School   Sasaram, Bihar, India
Xth with Science | *CGPA*: 8.34   *Apr '09 – Mar '19*