FLYNN GAUR

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Languages

- Java
- Python
- SQL
- JavaScript
- Vue
- React
- Angular
- HTML
- TypeScript
- CSS

Experience With:

- Agile Software Development
- Software Development Life Cycle (SDLC)
- REST APIs
- MySQL / MS SQL
- Spring Boot
- Apache Kafka / Redis
- Apache Airflow
- Apache Tomcat
- Prometheus / Grafana
- CI / CD Pipelines
- Fast API
- OAuth2/OIDC/JWT
- Database Management
- Selenium Library
- Jenkins / GitHub Actions
- Swagger / OpenAPI
- Docker
- Kubernetes

Awards

- Hack Arizona Beginner's Hack Winner (2019)
- UArizona Dean's List (2019)

Certificates

- Certified Scrum Master from Scrum Alliance (2024)
- Financial Acumen from Visa University (2024)
- Apache Kafka Essential Learning (2023) from LinkedIn Learning

Immigration Status

- Permanent Resident (Green Card Holder) - No future sponsorships required

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SUMMARY

Currently seeking full-time backend positions following a planned break focused on upskilling in technical skills, personal development, and U.S. travel.

EDUCATION

University of Arizona (August 2018 - May 2022)
B.S in **Computer Science**, **I**nformation **S**cience **T**echnology & **A**rts Minor

WORK EXPERIENCE

Data Engineer at *Visa*
Atlanta, GA (June 2022 - Sept 2024)

- Commercial and Money Movement Solutions Product Development (CMSPD) Team.
- Optimized SQL queries, reducing data retrieval time by 63%.
- Implemented Blue-Green CI/CD pipelines, reducing downtime by 90%.
- Managed high-volume data streams (Apache Kafka) and optimized DB performance.
- Developed and maintained REST APIs (Java, Spring Boot, Swagger, JPA) for B2B payments and bank integrations.
- Upgraded financial applications to Java 11 and 17, boosting performance and security.
- Led Agile ceremonies and mentored interns and new hires.
- Achieved 95% JUnit test coverage, addressing security vulnerabilities using GenAI.
- Championed Gen AI tools (Copilot, ChatGPT) for coding, design, and documentation.
- Resolved production issues swiftly, ensuring system reliability.
- Founded wellness-focused running club and promoted internal community efforts.

Student Software Engineer at *CyVerse*
Tucson, AZ (Dec 2018 - May 2021), (Aug 2021 - Jan 2022)

- Maintained and created robust, adjustable QA functions using Python and Selenium, identifying critical vulnerabilities (e.g., VICE app exploitation for crypto mining).
- Enhanced compatibility and functionality by updating keywords without version lock issues.
- Provided feedback on designs from a fresh perspective, improving usability and accessibility.
- Developed and improved key front-end features (company statistics page, notifications dropdown) using React/JS, including design mockups.
- Balanced QA responsibilities while expanding into front-end development, strengthening cross-functional collaboration.

Student Product Intern at *Rockwell Automation*
Phoenix, AZ (May 2021 - Aug 2021)

- Learn about angular, containers, modules, pipelines, product development cycleUnderstanding automation industry / building Typescript tests
- Run e2e tests on newly released components
- Collaborate with teammates to build & test Angular components for internal IDE product

Undergraduate Teaching Assistant at *UArizona CS Dept.*
Tucson, AZ (Aug 2020 - Dec 2020)

- Undergraduate Teaching Assistant (UGTA) for CSC120 Data Structures & Algorithms in the Department of Computer Science (https://www.cs.arizona.edu/ugta).
- Led labs, made assignments, tests, and helped with grading them, coached students on asymptotic analysis, trees, graphs, and hash tables

Cybersecurity Research Assistant at *UArizona ECE Dept.*
Tucson, AZ (Jan 2020 - April 2020)

- Simulated various kinds of Cyberattacks using Linux VM.
- Created professional grade PowerPoints on cybersecurity topics, offered as online courses for UArizona freshman students and interested high school students on behalf of the UArizona (Electrical & Computer Engineering) ECE Department.

EXTRACURRICULAR

- English-teaching summer volunteer for less fortunate children in India (2007, 2010, 2012)
- Robotix Club Teaching Assistant at Bala Vidya Mandir, Chennai (2012-2013)
- Debate Club Member and inter-school Debate Club competition winner at DPS, Kolkata (2016)
- Participated & volunteered at various sponsored events as part of Visa LatinX, Young Professionals Group, Pride, Asian Staff & Allies ERGs (2022, 2023, 2024)
- Novice-high level in French, German, Spanish, and advanced in English and Hindi