

KAUSHIK PULGARI

Chicago, IL · kaushikpulgari@yahoo.com · linkedin.com/in/kpulgari · https://kpulgari.com

EDUCATION

University of Illinois Urbana-Champaign

B.S. Computer Science & Economics

Cumulative GPA: 3.98/4.00 | Honors: Phi Beta Kappa, Dean's List

Activities: HackIllinois, Association for Computing Machinery, Asha for Education

Champaign, IL

Aug 2021 - May 2025

WORK EXPERIENCE

Cohesity

Software Engineer Intern

San Jose, CA

May 2024 - Dec 2024

- Architected and implemented an end-to-end Python microservice for scraping node cluster data using BeautifulSoup and PostgreSQL, enabling analysis of performance logs containing 15,000+ data points.
- Led development of comprehensive Grafana dashboard with over 60 customizable panels that analyze performance data, slashing debugging time by 85% and enhancing developer productivity.
- Wrote comprehensive technical documentation and coordinated four systematic deployment cycles to ensure smooth developer onboarding and version control.

Charles Schwab

Software Engineer Intern

St. Louis, MO

Jun 2023 - Aug 2023

- Enhanced user experience for first-time users and international clients during TDA-Schwab merger by reformatting ASP.NET webpages and eliminating bugs on Angular.js single-page application, streamlining onboarding for 20,000+ users per minute during high-traffic periods.
- Integrated new enterprise logging library into .NET Core backend APIs, reducing total log output by 37% and improving system performance.
- Created 12 unit tests using Moq library and Jasmine framework for frontend and backend validation, boosting overall code coverage and reducing potential bugs.

Mortgage Connect

Software Quality Assurance Intern

Remote

Jun 2022 - Aug 2022

- Implemented 30+ automation scripts for API and UI regression testing using TestNG and Selenium, cutting test execution time by 80% and improving overall testing efficiency.
- Conducted comprehensive API testing by performing manual tests on 25+ endpoints using Postman, ensuring accurate data transfer between client and server.
- Enhanced test script quality and maintainability by implementing TestNG logging, annotations, and error handling, facilitating easier debugging and adhering to automation best practices.

PROJECTS

Modulo Next.js, Firebase, Vertex API, shadcn

<https://projectmodulo.com>

- Engineer a global developer collaboration platform allowing users to join and create project groups, featuring task management, roadmapping tools, and built-in Gemini chat, facilitating teamwork for distributed teams.

SmartShopper React.js, Flask, Supabase, Tailwind CSS

<https://github.com/kpulgari/smart-shopper>

- Designed full-stack grocery store application of 140+ products, integrating OpenAI API within search functionality, enabling users to perform intelligent queries for store items based on natural language.

IFI Terminal Python, Conda

<https://github.com/kpulgari/ifi-terminal>

- Crafted customizable user-friendly terminal application for real-time stock analysis using Python's *rich* library and yFinance, Finnhub, and Reddit APIs, incorporating over 15 key metrics for 3,000+ stock tickers.

SKILLS

Languages:	Python, JavaScript, Java, C/C++, HTML/CSS, SQL
Libraries & Frameworks:	React.js, Flask, Tailwind CSS, Bootstrap, NumPy, pandas, Matplotlib
Project Management:	Jira, Azure Boards, Confluence, Agile (Scrum)
Developer Tools:	Git/Github, Conda, Bamboo, Bitbucket, Postman