

# KAUSHIK PULGARI

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## EDUCATION

### University of Illinois Urbana-Champaign

Bachelor of Science in Computer Science and Economics

Cumulative GPA: 3.98/4.00

Honors: Magna Cum Laude, Phi Beta Kappa

Champaign, IL

Aug 2021 – May 2025

## WORK EXPERIENCE

### Cohesity

Software Engineer (MTS I)

Santa Clara, CA

June 2025 – Present

- Member of Bridge Core Team, which supports core infrastructure for data storage and retrieval across distributed file systems.

### Cohesity

Software Engineer Intern

San Jose, CA

May 2024 – Dec 2024

- Architected Python microservice using BeautifulSoup and PostgreSQL to scrape and process 15,000+ datapoints across 16+ node clusters, enabling analysis of customer performance issues.
- Designed Grafana dashboard with over 60 dynamic panels (templating, alerting, thresholds), reducing debugging time by 70% for engineers.
- Led four deployment cycles with version control, clear documentation, and onboarding guides.

### Charles Schwab

Software Engineer Intern

St. Louis, MO

Jun 2023 – Aug 2023

- Refactored ASP.NET and AngularJS web pages to optimize onboarding for 20,000+ users/min during TDA-Schwab merger.
- Integrated enterprise logging library into .NET Core APIs, reducing log noise by 37% and improving backend performance.
- Wrote 12 unit tests with Moq and Jasmine to validate backend and frontend, increasing test coverage.

### Mortgage Connect

Software Quality Assurance Intern

Remote

Jun 2022 – Aug 2022

- Created 30+ Selenium and TestNG scripts, reducing regression test time by 83% and increasing release confidence across critical workflows.
- Conducted API testing on 25+ endpoints using Postman, ensuring accurate client-server data exchange.
- Improved test suite quality with TestNG logging, annotations, and error handling for easier debugging.

## SKILLS

Languages:	Python, C++, JavaScript, Java, SQL
Libraries & Frameworks:	ReactJS, Flask, Tailwind CSS, NumPy, pandas, Matplotlib
Developer Tools:	AWS (EC2, S3, RDS, Lambda), Docker, Grafana, Firebase, Postman
Project Management:	Jira, Azure Boards, Confluence, Agile

## PROJECTS

### Magellan JavaScript, HTML, CSS, Gemini API

- Built an open-source Chrome extension that lets users query webpages using AI, featuring Gemini chat interface and visual highlights; received 110+ downloads.

### Modulo Next.js, Firebase, Vertex AI API, shadcn

- Created a global developer platform with task management, roadmaps, and Gemini-powered AI chat to boost productivity for distributed teams.

### IFI Terminal Python, Conda, yFinance API, Finnhub API

- Developed a real-time stock analysis terminal displaying 15+ metrics for 3,000+ tickers, helping traders make better decisions.