

# Khizar Saud

[kizsaud@gmail.com](mailto:kizsaud@gmail.com) | [www.linkedin.com/in/khizar-saud-427119229](https://www.linkedin.com/in/khizar-saud-427119229) | [github.com/kizsaud](https://github.com/kizsaud) | 732-307-5813

## EDUCATION

### Rutgers University

*Bachelor of Science in Computer Science*

New Brunswick, NJ

*Jan. 2021 – Dec 2023*

## EXPERIENCE

### Software Engineer Intern

June 2023 – Present

*Cisco Systems*

*San Jose, California*

- **Engineered a Full Stack Dashboard for Chaos Engineering:** Spearheaded the design and development of a robust dashboard tool leveraging Python, Flask, Pymongo, React, and JS. Crafted comprehensive frontend and backend components, integrated cutting-edge MongoDB pipelines for optimized execution, implemented strategic testing with Pytest, and ensured seamless deployment using Gunicorn and Vite.
- **Advanced Analytics and Data Visualization:** Pioneered an innovative approach to chaos engineering, capturing holistic insights from various triggers. Implemented a dynamic visualization system utilizing charts, tables, and filters, providing actionable insights and enhancing decision-making processes.
- **Automated Device-Side Trigger Creation with PyATS:** Mastered the use of PyATS to engineer device-side triggers, boosting automation, enhancing control mechanisms, and contributing to overall system resiliency and efficiency.

### Software Engineer Intern

June 2022 – Sept. 2023

*Cisco Systems*

*San Jose, California*

- **Developed a Holistic Log File Analyzer:** Engineered a sophisticated front-end application using Python Flask, focused on analyzing log files from Cisco routers. Implemented innovative algorithms to ascertain failure reasons, offering comprehensive insights.
- **Advanced File Processing Capabilities:** Created an intuitive interface enabling users to upload ZIP job files. Designed robust backend functionalities to seamlessly unzip and process the content, transforming raw data into actionable information.
- **Enhanced User Experience and Efficiency:** Through meticulous design and development, provided a streamlined experience that allowed for rapid understanding of complex log data, fostering efficient troubleshooting and informed decision-making.

### Owner and Operator

Jan 2015 – Current

*CellPhone Ventures LLC*

*New Jersey*

- **Comprehensive Technical Expertise:** Spearheaded the repair and maintenance of a diverse array of mobile devices, leveraging cutting-edge tools and techniques to ensure optimal performance and customer satisfaction.
- **Strategic Customer Engagement:** Pioneered innovative strategies for attracting and engaging customers at the mall, implementing targeted marketing efforts and personalized services to drive sales and build loyal clientele.
- **End-to-End Operations Management:** Led all facets of business operations, including hiring, training, and supervising staff, managing inventory, and overseeing daily administrative functions, contributing to a streamlined and efficient workflow.

## PROJECTS

### Pizza Ordering App | *Java, Android Studio*

- Developed a user-friendly Pizza ordering app using Java and Android Studio
- Implemented various features such as menu selection, order customization, and payment processing
- Ensured responsive design and smooth user experience across different Android devices
- Integrated with backend services for real-time order tracking and updates

## TECHNICAL SKILLS

**Languages:** Java, Python, SQL, JavaScript, HTML/CSS, MongoDB

**Frameworks:** React, Node.js, Flask, JUnit, Pytest

**Developer Tools:** Git, Dockers, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

**Libraries:** Pandas, NumPy, Matplotlib