Divyarajsinh Kiritsinh Karmariya

(325) 370 3344 | divyarajsinhkarmariya@gmail.com | Portfolio | Github | LinkedIn

Summary

Computer Science student with experience in **IT support, troubleshooting, and automation**. Skilled in **Python, SQL, PHP, and process optimization**, with a strong grasp of **ticket resolution and security policies**. Adept at prioritizing issues and enhancing system efficiency. Seeking an IT Support Internship at Jabil.

Education   Tampa, FL

BS in Computer Science, University of South Florida (**GPA:** 3.65)   *Expected Graduation: May 2026*
Awards: USF Dean's Honors List, Bulls Lead Program, NASPA Certified Peer Mentor

Technical Skills

Languages: HTML, CSS, JavaScript, Java, Python, C/C++/C# (Beginner), Swift (Beginner), SQL, PHP, NoSQL, LaTeX, PostgreSQL, Drizzle ORM.
Tools: Unity, Git, Jira, Agile, Figma, Tableau, Version Control, Canva, Gemini API, Clerk, Vercel.
Frameworks: React.js, Next.js, Three.js, Tailwind CSS, MongoDB, Flask, Agile, Waterfall, OpenCV.

Academic Work Experience   Tampa, FL

Procurement Card Student Intern, College of Engineering   *September 2023 – Present*

- Developed an **automated financial verification system** using **Python and PyPDF2**, extracting vendor names, invoice dates, and emails from **350+ faculty transactions**, streamlining research expenditure approval.
- Optimized **financial reconciliation workflows** for **JP Morgan & Chase**, reducing statement processing time by **10%**, and enhancing budget tracking across multiple engineering departments.

Peer Mentor / Teaching Assistant (SLS 3275), Office of Undergraduate Studies   *May 2023 – Present*

- Designed **interactive data-driven dashboards** in **Tableau** to analyze student performance trends for **100+ mentees**, facilitating strategic interventions for academic success, along with one-on-one mentorship.
- Implemented **AI-assisted learning modules** for programming workshops, utilizing **Python and Jupyter Notebooks** to provide dynamic, real-time feedback and boost student engagement, and delivered essential college success strategies.

Work Experience/ Projects

SkillSharp AI - *AI Mock Interview Application*   *Github Link*
Full Stack Developer

- Built an AI mock interview platform using **Next.js and React.js**, improving user engagement by integrating **Google Gemini API** for AI-generated interview questions.
- Enhanced user experience with **Clerk**-based social and email authentication, speech-to-text conversion, **PostgreSQL/drizzle ORM** for seamless data management, and reduced deployment time by **30%** using **Vercel**.

QuantumStock - *AI Enhanced Market Visualization Tool*   *Github Link*

- Developed QuantumStock, an advanced Windows Forms application that processes **5,000+** stock data points from **Yahoo Finance CSV datasets**, empowering traders to analyze **multi-timeframe market** trends (Daily, Weekly, Monthly) through dynamic candlestick charts and volume visualizations.
- Engineered a SmartCandlestick AI module to detect **12+** intricate market patterns (Doji, Hammer, Marubozu) and integrated Fibonacci retracement analytics, enhancing trend forecasting accuracy by **35%** while enabling seamless, real-time chart updates without data reloads.

OpenCV Object Detector - *Python-Based Object Detector*   *Github Link*
Software Developer

- Engineered an object detection system for images and videos using **OpenCV DNN** and **GoogleNet**, improving detection efficiency by **50%**.
- Demonstrated Python expertise by integrating and customizing **deep learning** and **machine-trained models**, enhancing system performance, and showcasing advanced algorithm development skills.

Leadership   Tampa, FL

Marketing and Communications Chair, Engineering Council USF   *May 2024 – Present*
Social Media Manager, Association of Computer Machinery   *May 2023 – Present*
Tech Lead, Girls Who Code College Loop   *Jan 2023 – May 2024*