

Joshua Conklin

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EXPERIENCE

Software Engineer

BravoBall

San Jose, CA

July 2024 - Present

- Facilitated **troubleshooting** across **Flutter** and **Python** codebases with multiple **REST APIs**, resulting in a **35%** reduction in crash reports and providing quality assurance for app gaining **3,000+ iOS downloads**.
- Implemented scalable query systems using **PostgreSQL** and **AWS** with **ETL pipeline** for user data and **100+ JSON drill data**, reducing page load time by **30%**.
- Establishing end-to-end **CI/CD pipelines** using **Git**, tracking development life cycle and streamlining deployment times by **40%**.
- Created **TypeScript** website to conduct data analysis on **1,500+ responses** for enhancements on existing **software architecture**.
- Collaborating with an Agile team on **backlog grooming** using **Miro** and **Plane** to support sprint planning and brainstorming.
- Developing a **machine learning** model using **Scikit-learn** for chatbot that recommends user-specific drills.

Co-Founder and Software Developer

ConklinOfficial

Fremont, CA

March 2024 - Present

- Launched website with interactive **KPI dashboard** using **TypeScript**, **Spring Boot** server, and **Instagram Graph API** to track social media campaign performance; increased audience engagement by **35%** through data-driven content strategy.
- Designed product analytics flow to monitor performance of **3,000+ posts**, determining which posts work best for target audience.
- Delivered educational videos to **400,000+ followers** across **Instagram** and **TikTok** created with Capcut, aligning with brand narrative and boosting retention by **20%**.

Web Development Instructor

Tech Tykes

San Jose, CA

December 2024 - April 2025

- Designed and delivered curriculum on **HTML**, **CSS**, and **JavaScript** concepts to **20+ students**, improving student project quality by **40%** through real-world product examples.
- Collaborated with curriculum leads in **Slack** and **Notion** to implement instructional changes based on **user feedback**.
- Applied **storytelling techniques** to simplify complex technical concepts, enhancing product education and student experience.

PROJECTS

Nowtify

- Built a full-stack **React** app and implemented **OAuth 2.0** and **JWT Auth** services for a **40%** increase in data security.
- Designed **MySQL** schema and **RESTful web services** to manage user data, improved onboarding completion rate by **50%**.
- Conducted user testing sessions with **Postman/ Redis** and iterated **UX/UI** based on feedback; increased feature adoption by **35%**.

Programming Language Mentions Storyboard

- Boosted job search efficiency by **25%** by identifying high-demand programming languages for aspiring data professionals.
- Engineered **SQL** queries on **Azure** to optimize language mentions data, delivering insights through **data storytelling** in **Tableau**.

Consumer Behavior Qualtrics Survey

SJSU

- Collaborated with a team of four to conduct a **Qualtrics** survey, Utilized **R** and **Excel** to create bar graphs and analysis reports.
- Aided in helping a class of **40+** people understand the effect of influencer marketing on consumer purchasing behavior.

SKILLS

Full Stack Development: Python, Flutter, SQLAlchemy, Java, FastAPI, Docker, TypeScript, PostgreSQL, Flask, React, C++

Developer Tools: AWS, Heroku, Tableau, Visual Studio, Postman, Git, Cursor, Plane, Miro, macOS, Linux

Engineering foundations: Version control, troubleshooting, web services, object-oriented design, relational databases, test automation, cloud infrastructure, DevOps

EDUCATION

San Jose State University (SJSU)

Business Administration / Marketing — Bachelor of Science (BS)

December 2024