

ADITYA KISHAN ANKARABOYANA

📧 lkjsu | 🌐 adityakishan | ✉ kish_aka@icloud.com | 📞 7169060823

Software Engineer with about 5 years of experience in the field of systems research and backend development. Committed to driving excellence in software engineering and contributing to the success of impactful projects. Experienced in working with diverse teams and collaborating across departments to meet project objectives and deadlines.

SKILLS

- Programming Languages: Python, Java, C++, Javascript, Ruby, HTML, CSS
- Libraries/Platforms/Tools: Django, Flask, Express, Vue.js, React, Jenkins, Spring, Spring Boot
- Data/Databases: SQL, MySQL, PostgreSQL, MongoDB, Redis, server-side, data-storage
- Cloud/Technologies: Amazon Web Services (AWS), Git, ORM, REST APIs, Web Technologies, DAO, MVC
- Training/Certifications: Machine Learning, Natural Language Processing - Coursera, Python Programming - De Anza College

PROFESSIONAL EXPERIENCE

Revature

Software Engineer - Pre Employment Program • Jul 2024 - Present • Remote

- Developed a scalable API with Spring Boot, leveraging its features for seamless database integration, RESTful services, and auto-configuration to boost performance.
- Implemented a layered architecture (Repository, Service, Controller) using Spring Boot annotations to streamline development and improve code organization and maintainability.

Freelance

Multiple Roles • May 2023 to Jun 2024 • Newark CA, Seattle WA

- Enhanced operational skills and business acumen by managing catering orders and preparations in a fast-paced hospitality environment, leading to improved client communication, organizational efficiency, and market viability.

HeadSpin Inc.

Software Engineer • Feb 2019 to Apr 2023 • Palo Alto and Sunnyvale, CA

Technologies Used - Python, MySQL, Android apk, xapk

- Designed and implemented an inventory service to assign devices to customer workloads, which improved system efficiency and reduced network footprint by 66% compared to the previous service.
- Led a project with cross-team collaboration to enable platform support for XAPK distribution empowering developers to submit applications up to 6 times larger than the Play Store size limit, providing flexibility for more complex and feature-rich applications.
- Spearheaded a research project to implement new techniques for parsing trace files for iOS 13 and above, which were not supported by the previous approach.
- Improved profiler reliability by 30% by integrating a platform tool to launch iOS apps on customer workloads over Xcode's native tooling.

NimbleDroid Inc.

Software Engineer, Internship • Jun 2018 to Aug 2018 • New York, NY

Technologies Used- Ruby on Rails, MySQL

- Researched feasibility and developed POC for network traffic monitoring service for iOS apps on the platform which enhanced capabilities for the iOS device cloud.
- Utilized open source tools to extract and analyze app performance metrics like memory usage, network activity, disk I/O, call stack, etc.
- Developed sample Android applications and wrote espresso tests to monitor APK performance on the NimbleDroid platform for features like network traffic and function call capture.
- Amplified logging capabilities to identify bottlenecks in the iOS profiler which ultimately led to improvement in the profiler performance.

EDUCATION

University at Buffalo, State University of New York • Buffalo NY
Bachelors of Science in Computer Science

2014 - 2018