

KEDAR ABHYANKAR

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PROFILE

Experienced software engineer proficient in Java, Python, Swift, JavaScript, and C/C++. Passionate about developing efficient and reliable software solutions to help companies grow, teaching rising developers new skills, and working on new, cutting-edge technologies.

EDUCATION

Purdue University, West Lafayette, IN — Bachelor's of Science in Computer Science (May 2022)

EXPERIENCE

Software Engineer at Striim; Palo Alto, CA + Remote

July 2023 - March 2024

- Accelerating product-led growth, working in a closely-knit team to build a number of micro-services for the product-side team.
- Created data pipelines and analytics tools using Snowplow and GCP to identify and analyze data, and maintained the entire system with Terraform to correctly connect various GCP resources.
- Developed and maintained a SlackBot-integrated alert system similar to PagerDuty for services failing or shutting down, using Python and Boto3 for interacting with AWS.
- Implemented a system using Python as a backend language to interact with the aforementioned SlackBot service and alert when customer-side nodes spun down.

Software Engineer at Twilio; San Francisco, CA

July 2022 - February 2023

- Driving analysis and understanding of customer data flow through a Kafka pipeline as a backend software engineer in billing operations, collaborating with cross-functional product teams.
- Performed data analytics primarily to understand customer trends, utilizing Datadog for additional analysis.
- Followed and performed Agile and Scrum processes such as daily standup meetings, sprint planning, backlog grooming, and meetings with product teams to better understand what is required by other teams from the billing pipeline side.
- Adept in Java programming and managing billing event ingestion, resulting in cost savings of up to 10 million dollars annually; worked on user-facing projects in Spring Boot while incorporating Amazon SQS to ingest data streams as an alternative to Kafka.
- Mentored interns in onboarding tasks, tool usage, and deployment processes, while introducing them to the team core tech stack, including Datadog, Abacus, Spark, BuildKite, Hadoop, Redis, and DynamoDB.

CS18000 Head Teaching Assistant at Purdue University; West Lafayette, IN

May 2021 - June 2022

- Collaborated closely with core course faculty to develop assignments, ensure accessibility for over 700 students, deliver weekly lectures, and provide ongoing support throughout the semester.
- Lead students through a comprehensive Java programming curriculum, covering fundamental concepts such as data types, progressing seamlessly to advanced topics like file input and output, and concluding with dynamic data structures including Lists and Trees.

Software Engineering Intern at Genesys; Indianapolis, IN + Remote

June - August (2020 + 2021)

- Designed and implemented a robust API endpoint security system, ensuring adherence to company standards for both inbound and outbound API access.
- Developed an internal-facing tool for scanning endpoints, enabling engineers to identify the endpoints and respective teams they interacted with while developing their tools.
- Continued contributing to the endpoint scanner project within the same team during the subsequent summer (2021), while also taking on the responsibility of mentoring a first-year intern, guiding them through the team's tools and technologies.

PERSONAL PROJECTS

JUnit + Java 15 Test Builder Framework (TestBuilder)

- Developed a Java framework to simplify test case writing and improve test portability with JUnit, gaining experience in Java and JUnit, and understanding the importance of test case writing for ensuring software quality.

Tikit App and LLC

- Co-founded an LLC focused on developing a mobile application catering to student communities, featuring functionalities such as event attendance tracking, guest management, and safety enhancement, successfully addressing privacy concerns during the app's marketing to colleges, and ensuring its continued presence on the App Store, serving as a compelling portfolio asset.

Programming Languages Proficiency:

Java, C, C++, JavaScript, Python, Swift

Technology Proficiencies:

Redis, Spring Boot, Amazon SQS, Abacus, Hadoop, Buildkite, Datadog, Spark, Snowplow, Snowflake, Spark, DynamoDB, Terraform, Distributed Systems (Docker and Kubernetes), AWS and GCP cloud resources