

Irfaan Khalid

SOFTWARE ENGINEER · LEADER · STORYTELLER

☎ (815) 280-9862 | ✉ irfaan.k97@gmail.com | 🏠 irfaan.me | 📺 IrfaanKhalid | 🌐 IrfaanKhalid

Education

Vanderbilt University

B.S. IN COMPUTER SCIENCE, B.A. IN MATHEMATICS (APPLIED)

Nashville, TN

Aug 2015 - May 2019

The Hong Kong University of Science and Technology

STUDY ABROAD

Clear Water Bay, Hong Kong

Feb 2018 - May 2018

Work Experience

Vivid Seats

SOFTWARE ENGINEER II

- Develop and maintain the backend systems powering Vivid Seats using Java, Spring Boot, and Docker.
- Engineer the migration from an existing monolithic software architecture to a service-oriented architecture.

Chicago, IL / Remote

Nov 2020 - Present

Amazon

SOFTWARE DEVELOPMENT ENGINEER I

- Developed and maintained highly-distributed, low-latency systems within Amazon Prime Video using Java, Spring, and AWS.
- Developed backend APIs for Amazon Advertising's asset manager used by internal/external clients using Java, Spring, and AWS.
- Designed and implemented custom advertising solutions, managing collaboration between a variety of teams at Amazon as well as external stakeholders.

New York, NY / Remote

July 2019 - Nov 2020

Capital One

SOFTWARE ENGINEER INTERN

- Owned Spring Boot microservice and API development within Capital One's model governance ecosystem.
- Collaborated with the business and delivered functionality to meet the needs of at least 5 internal stakeholders.
- Founded and conducted *TED Talk Thursdays*, a lunch discussion forum for Capital One employees.

McLean, VA

June 2018 - Aug 2018

The Bank of New York Mellon Corporation

SUMMER TECHNICAL ANALYST

- Developed a Spring Boot web application to expose internal applications' Jenkins health statuses.
- Wrote, tested, and supported documentation for BNY Mellon's internal developer website.

Pittsburgh, PA

June 2017 - Aug 2017

Leadership Experience

VandyHacks

SENIOR ADVISER, PRESIDENT, DIRECTOR OF SPONSORSHIP

- Advised the VandyHacks V organizing team by offering insight, assisting with administrative tasks, and guiding vision.
- Served as President of VandyHacks IV, overseeing coordination for the 450+ attendee hackathon and leading a team of 30+ organizers across 5 organizing committees.
- Served as Director of Sponsorship of VandyHacks III, managing the event budget and directing acquisition of over \$63k in corporate sponsorship - a 50% increase from VandyHacks II.

Nashville, TN

Feb 2016 - May 2019

Vanderbilt Toastmasters

PRESIDENT, VICE PRESIDENT OF MEMBERSHIP, MEMBER

- Oversaw club operations and coordinated with other members of leadership to foster a thriving organization.
- Delivered speeches and served in evaluation and other speaking roles regularly.

Nashville, TN

Mar 2016 - May 2019

Projects

Vaken

DEVELOPER

- Developed backend functionality for *Vaken*, a next-generation hackathon management system.
- Implemented key API functionality using Node.js, TypeScript, and GraphQL.

OneHop

HACKER

- Designed and developed a Slack bot, OneHop, to serve as Capital One employees' personal productivity assistant.
- Built Python integration with external RESTful APIs.

Skills

- **Languages:** Java, C++, JavaScript, TypeScript, SQL, HTML, CSS
- **Technologies:** Amazon Web Services, Docker, NodeJS, Spring, GraphQL, REST, OracleSQL, MySQL, MongoDB, Git, Maven, JUnit
- **Certifications:** AWS Cloud Practitioner, Toastmasters Competent Communicator, Toastmasters Competent Leader
- **Other Skills:** Public speaking, Agile, leadership, communication, teaching, mentorship, technical writing