

Yaseen Khan

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Education

University of California, Irvine

Irvine, CA

B.S. Computer Science

September 2021 – June 2023

GPA: 3.55

Courses: Algorithms, Databases, Information Retrieval, Machine Learning, Computer Vision, Statistics, Deep Learning, Compilers, Operating Systems, Search Systems, Programming Languages

Skills

Languages: C++, Java, Python, Typescript, SQL, Assembly (ARM64), Kotlin, R, LaTeX

Technologies: Linux, Grafana, NoSQL, MySQL, PostgreSQL, AWS, Git, QT, Android Studio, Visual Studio

Certifications: CodePath Android Development (March 2022), CodePath Advanced SWE (August 2022)

Professional Experience

Raytheon

Tucson, AZ

Software Engineer 1, Scrum Master

October 2023 – Present

Tools: Power Apps, Power Automate, Power Query, Power BI, Gitlab

- Revamped Team Onboarding process to reduce Onboarding time by 50%
- Implemented Power Apps page to view required trainings based on employee roles
- Cleaned 5-year Employee Course History using Power Query
- Wrote FQT procedures and performed dry runs to ensure Power Converter met standards
- Increased completed testing procedures from 10% to 100% in two weeks

Lark Health

Remote

Software Engineer Intern – Accounts Team

June 2022 – August 2022

Tools: Typescript, Grafana, Git/GitHub, Linux, Visual Studio

- Designed and implemented a new member search service to retrieve member data for accounts deletion
- Designed and engineered a Grafana dashboard with interns team to measure the health of the Lark app
- Created Grafana panels to measure the attempts/success/failure ratio for member API endpoints

Projects

Level Up Fitness

Team Lead – Group Project

Tools: Kotlin, Android Studio, Firebase, Figma, Git/Github, API Ninjas Exercises API

- Built an Android app that recommends workouts based on a recommendation algorithm
- Created database schema to store the user's height, weight, age, workout preferences, and current level
- Connected Firebase database to Android app to enable email authentication update/retrieve user data
- Implemented create account page, login/logout page, survey page, and edit survey

FabFlix

Tools: Java, MySQL, Tomcat, JDBC, HTTPS, RESTful APIs, JavaScript, jQuery, Git, AWS, Android app development, Apache, JMeter, reCAPTCHA

- Setup AWS instance, MySQL, Tomcat, and imported a large database of movie information
- Developed an ETL pipeline to parse large XML files to augment the extensive database
- Created Android App using the same backend API as the web application
- Implemented movie browsing page, movie payment page, and movie order summary page