Arshad Shah

Software engineer

Talented software engineer with a passion for problem-solving and innovation. Experienced in developing robust and scalable applications for nearly two years at HMH, committed to delivering high-quality code and collaborating with cross-functional teams to drive business success.

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github.com/arshad-shah 🔗

EDUCATION

Bachelors Honours Degree in Computer Science
Technological University Dublin

08/2019 - 06/2023   *Second Class First Division*

WORK EXPERIENCE

Associate software engineer
Houghton Mifflin Harcourt

06/2023 - Present   *Dublin, Ireland*

Achievements/Tasks

- Responsible for the frontend ED Platform and RCE product
- Implemented session management and insights data collection, processing and transmission between teacher and student user
- Migrated universal analytics to GA4 for all products
- Created, and deployed concourse pipeline for backend service
- Implemented and deployed session management service to Kubernetes cluster
- Migrated the Mono repo to a new performant package manager, resulting in a time saving of ten minutes per build

Contact : Andrew Lennon (Director of Engineering) - 0879625282

Software Engineer - Intern
Houghton Mifflin Harcourt

02/2022 - 08/2022   *Dublin, Ireland*

Achievements/Tasks

- Worked on both frontend and backend codebases
- Developed tools to process large amounts of data for ED Platform
- Created CLI interface for the RCE product
- Created documentation to streamline internal processes for developers

Contact : Andrew Lennon (Director of Engineering) - 0879625282

Software Engineer - Intern
Houghton Mifflin Harcourt

06/2021 - 08/2021   *Dublin, Ireland*

Achievements/Tasks

- Implemented analytics tagging for the Content Engine, improving data collection and analysis capabilities
- Worked on HMH GO multiplatform app
- Worked on Ed platform frontend

Contact : Andrew Lennon (Director of Engineering) - 0879625282

SKILLS

Communication Skills · Research · Time management · Adaptability · Work Ethic · Multitasking · Teamwork · C · Java · Python · Javascript · HTML · CSS · Kotlin · React · React Native · Ionic · Capacitor · MySQL · MariaDB · MongoDB · Git · AWS · WebRTC · Websockets

PERSONAL PROJECTS

Nimaz : Prayer Times (09/2022 - 06/2023) 🔗
- An Android App that uses Mathematical calculations to determine the Muslim time for prayer from position of the sun
- It is available on Google Play Store named Nimaz

Portfolio Website (03/2021 - 09/2021) 🔗
- A personal website that showcases my Projects throughout college
- It is created using React and material UI
- It incorporates all the skills learned in my internship from unit testing to end2end testing

CERTIFICATES

QQI Level 5 Certificate In computer Science (08/2018 - 08/2019)
Software development -- Web Development -- IT Support -- Microsoft Office

LANGUAGES

English
Full Professional Proficiency

Urdu
Full Professional Proficiency

Pashto
Native or Bilingual Proficiency