Arshad Shah

Software engineer

Innovative Software Engineer with a BSc in Computer Science from Technological University Dublin. Expert in real-time web technologies, session management, and data analytics. Proven track record in improving educational technology outcomes, streamlining development processes, and deploying scalable solutions.

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EMPLOYMENT

Software Engineer
Houghton Mifflin Harcourt

06/2023 - Present   *Dublin, Ireland*

Achievements/Tasks

- Spearheaded the migration from universal analytics to GA4 across all products, significantly boosting data analytics functionality.
- Engineered and deployed a real-time classroom session management platform using WebSockets, facilitating dynamic interactions and seamless exchange of insights between teachers and students.
- Engineered and launched a Kubernetes-backed session management service, achieving a scalable architecture.
- Streamlined CI processes by transitioning Mono repo to an efficient package manager, slashing install times by 90%.
- Enhanced development efficiency by updating Storybook, trimming CI build times by 70%.

Contact : Andrew Lennon (Director of Engineering) - 0879625282

Software Engineer - Intern
Houghton Mifflin Harcourt

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

Achievements/Tasks

- Diversified technical skill set by contributing to both frontend and backend development, enhancing system interoperability.
- Designed and developed a command line interface for the RCE product, optimizing operational efficiency.
- Authored comprehensive developer documentation, significantly improving internal workflow and onboarding processes.

Contact : Andrew Lennon (Director of Engineering) - 0879625282

EDUCATION

Bachelors Honours Degree in Computer Science
Technological University Dublin

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

SKILLS

Adaptability   Interpersonal Skills

System Architecture   Documentation

Project Management

Technical Problem-Solving

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

LANGUAGES

English
Full Professional Proficiency

Urdu
Full Professional Proficiency

Pashto
Native or Bilingual Proficiency

INTERESTS

Reading books   Artificial Intelligence

Learning New Skills