

Hamza Kashif

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EDUCATION

De MontFort University Dubai

Masters of Science in Data Analytics

Dubai, UAE

Jan. 2024 – Present

National University of Computer and Emerging Sciences FAST

Bachelor of Science in Computer Science

Lahore, Pakistan

Aug. 2018 – Jun. 2022

- Multiple Deans List award holder
- Secured Bronze Medal in Spring'2022

EXPERIENCE

Alif Care

Sep 2022 – Present

Full Stack Software Engineer

Lahore, Pakistan

- Pioneered as a Full Stack Software Engineer, leveraging Nest JS backend with GraphQL API and React Native for end-to-end feature development on mobile applications
- Integrated React Native Victory Charts to enhance user engagement by visualizing patient performance
- Implemented a client notification module resulting in a 60% increase in app usage, facilitating offline reminders like medicine intake and blood glucose recording
- Engineered customized feedback messages based on user inputs
- Ensured API key security by storing all keys in backend environment variables
- Introduced transactions in the backend server using Nest JS interceptors, resolving major database write issues
- Optimized AWS pipelines, incorporating auto-scaling and load balancers for enhanced processing
- Implemented Amazon Event Scheduler to call a Lambda function, generating patient plans through our GraphQL API for smooth patient plan creation
- Successfully navigated the Google Play Store review system during the app transition
- Overhauled the app for iOS compatibility, managing the entire iOS framework setup
- Streamlined the app upload process to play store after addressing Android issues post Android 14 upgrade

Conrad Labs

Jul. 2022 – Jan. 2024

Software Engineer

Lahore, Pakistan

- Enhanced the robustness of the web application by implementing multiple Cypress testing methods, ensuring comprehensive testing coverage in Transect team
- Joined Alif Care as a Conrad Employee

Software Engineer Intern

Jan. 2022 – Mar. 2022

- Engineered a user-friendly profile section enabling users to upload, modify, delete, and crop their profile pictures
- Innovatively designed a modal that prompts users for their email when opting to hide it, seamlessly integrated with Apple Sign In
- Participated and discuss product queries with client calls

TECHNICAL SKILLS

Languages: Javascript, TypeScript, Java, Python, C/C++, SQL (Postgres), HTML/CSS,

Frameworks: React Native, React, Node.js, Nest JS, Next JS, JUnit, Cypress, Material-UI, GraphQL, REST API, TypeORM, Firebase, Redux, Cloud Messaging

Developer Tools: Git, Docker, AWS, Google Play Console, App Store Connect, Mixpanel

PROJECTS

Digital Workout - Final Year Project | *Java, Android, Python, Jupyter, Media Pipe*

June 2021 – June 2022

- Developed an android application using Java and media pipe library on android studio
- It estimated the posture of user through camera during workout
- Trained our AI model using our own data set
- Our model was able to correct posture of multiple exercise along with repetition counter