

MUHAMMAD ADIL YOUSUF

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SENIOR SOFTWARE ENGINEER (IOS)

Dynamic and results-oriented Information Technology Professional with 06+ years of experience in software development, software engineering, iOS application development, project management, custom code specifications, testing and maintenance within the fast-paced environments. Proficient in defining, managing, and improving software and product development processes. Expertise in software engineering fundamentals functions, as well as the ability to build high performance, secure, data driven applications with quality code. Skilled in system development / support life cycle of a project to deliver quality solutions meet business objectives. Adept at initiating, administering and executing across a portfolio of projects harmonizing technical needs with business realities including budgeting, software deployments, technical support, planning/monitoring, and reporting and review.

AREAS OF EXPERTISE

Software Engineering | iOS Application Development | Software Development Life Cycle | Requirement Analysis | Software Designing and Testing | Bug Debugging | Change & Code Management | Process Analysis | Learning Documentation | Punctuality & Time-Keeping | Problem Solving | Communication Skills | Microsoft Office

TECHNICAL PROFICIENCIES: Objective-C, Swift, Xcode, UIKit, Swift UI, CoreData, Realm, SQLite, Git, Firebase

PROFESSIONAL EXPERIENCE

ADDRESS, ISLAMABAD (REMOTE)

2020 – Present

Senior Software Engineer (IOS), 2022 – Present

Software Engineer (IOS), 2020 – 2022

- Integral part of full development cycle, from scratch to final implementation, automated release and support, as well as continuously improving the presentation of the product.
- Steered efforts towards implementing new features in the app and taking ownership of them.

MEDICAL IMAGING AND DIAGNOSTIC LAB, NCAI, ISLAMABAD

2019

Researcher (Medical Imaging)

- Worked on image processing techniques to enhance the mammogram dataset.
- Conducted detailed Research on Breast Cancer Detection using Deep Model (GAN, Transfer Learning).

SYMMETRY GROUP, KARACHI

2018

Software Engineer (IOS)

- Directed design sessions and development quality through mentorship and code reviews. Designed, implemented, debugged and provided ongoing support for system software that meets technical requirements.
- Successfully delivered quality results in areas including programming debugging codes, core patching for database corruption cases and problem determination.

DIGITAL DIVIDEND, KARACHI

2017

Software Engineer (IOS)

- Improved all aspects of the technical development cycle, including functional and technical product specifications, testing and quality assurance, documentation and configuration management.

- Administered the pre-testing phase of development by evaluating proposals in order to identify potential problem areas and makes the appropriate recommendations.

IISOL, KARACHI

2017

Software Engineer (IOS)

- Managed the complete development lifecycle of the software systems, including gathering requirements, database management, software development, user follows up, implementation, and support.
- Facilitated, reviewed, and developed critical systems, also produced and updated relevant documentation.

DUSKY SOL, KARACHI

2016

Android Developer

- Achieved bottom line results by designing, retaining, and deploying various applications.
- Produced code fixes to report bugs and extend existing applications functionality based on user requirements.

KEY PROJECTS

- Worked on Gorillas (Fastest Unicorn in Europe)
- Worked on BeepBeep, Q-Commerce app (Singapore, Vietnam and Malaysia)
- Worked on Lexicon Bracknell (Started the project from scratch as my first project, Live Parking Tracking, Mall Map Integration), Bracknell, England
- Worked on Blood Works Donor, Seattle, Washington

EDUCATION

Master's in Computer Science • COMSATS, Islamabad, 2021 (CGPA: 3.38)

Research and Thesis: Detection of Breast Cancer using Deep Learning and GANs

Bachelor in Computer Science • Dadabhoy Institute of Higher Education, 2018 (CGPA: 3.43)

Information Technology Diploma • APTECH

COURSES

Completed multiple courses on Lynda and Udemy on new features introduced by apple in the recent years

Oracle Developer and DBA Course from OraSoft

Networking and attended CEH Course from Moon International

PUBLICATIONS

Enhancing breast pectoral muscle segmentation performance by using skip connections in fully convolutional network, Wiley Periodicals Inc., 2020