

Ashman Malik

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Career Objective

An enthusiastic post-graduate in information technology with hands-on industry experience in Software development. A natural learner with good people skills and has an inclination for learning emerging technologies. Seeking a challenging position in an organisation that offers professional growth and opportunity to contribute to its mission.

Key Skills Summary

Programming Languages:	JavaScript, NodeJS, React Native, PHP, HTML5 & CSS.
Cloud Computing:	Deployed apps & Servers on Microsoft Azure including Virtual machines and data migrations.
API Management:	Implemented API Endpoints with GraphQL & NodeJS on Monday.com, Restful API with PHP, SOAP, JSON and XML.
Database:	Experienced with PhpMyAdmin, MYSQL, Firebase & MongoDB.
Version Control:	Github & Bitbucket.
CMS:	Wordpress development including WooCommerce, Elementor, ACF & Gravity forms.

Personal Attributes

- Strong communication skills, both verbal and written developed while completing my Master degree in Griffith university and liaising with clients and colleagues at Rowland and other part time jobs.
- Strong Problem-solving skills and ability to work under pressure situations while working with React Native in Rowland for tight deadlines.
- Strong team spirit and ability to lead and work autonomously when required. Participated in weekly meetings as a part of the digital team at Rowland.
- Flexibility and adaptability as a graduate and keen to learn new things, a quick learner and easily adaptable to a new environment.

Education

Professional Year Performance Education, Sydney, Australia <i>Key Subjects: Australian Business Culture and Environment, Achieving Career Success, Australian Workplace Skills and Professional Business Communication</i>	March 2019 – March 2020
Master of Information Technology Griffith University, Brisbane, Australia <i>Special interest in: Software development</i> Achievements: Received 2016-18 Griffith Award for Academic Excellence by Griffith University for maintaining above distinction in overall year of study. - High distinctions Courses: Project Management, Programming Principles 1, Software Architecture, Computer Systems and Networks and Software Technologies.	July 2016 – July 2018

- **Distinction Courses:** Professional Practise in IT, Programming Principles 2, Introduction to Information systems, Enterprise Architecture, Mobile device software development, Industry placement.

Bachelors in Computer Science

Feb 2012 – Feb 2016

COMSATS Institute of Information Technology, Islamabad, Pakistan

Key learning areas included: Algorithm and Data Structure, Multimedia Entertainment and Gaming, Programming principles, Mobile device software development, Database System, Scripting Languages, web development and Object-Oriented Programming.

Academic Projects

• Sunwater Mobile Application

Dec 2017 – May 2018

Griffith University, Brisbane

Objective: To develop an application for flood alerts.

Tools: Xcode, Swift, React-Native, ARKit, Animation, PHP, JavaScript, Objective-C.

Duties: To bridge React-Native and swift and extend the possibility to develop and use ARKit, and use 3D Spatial mapping to place 3D objects in the live world and animate them.

Outcome: Developed modules that include GPS navigation in AR. Additionally also developed the animation for 3D models that are Dam's to demonstrate the water levels and to show floods. The app was deployed on playstore.

Result: Achieved distinction in the project.

Employment History

Technical Coordinator

Dec 2019 - Present

Thinkun, Newtown

Responsibilities

- Working Closely with Project Managers and other members of the team to develop an understanding of project technical requirements, and to develop and integrate new features with existing systems.
- Analysing system requirements and identifying technologies to be used, their limitations and selecting appropriate technologies. Determine appropriate architecture and make relevant recommendations.
- Communicate to the Project Manager with efficiency and accuracy any progress and/or delays.
- Developed an inhouse custom accounts software using GraphQL API and NodeJS for time management.
- Write front-end code utilising HTML and JavaScript for web applications and server-side backend functionality utilising PHP, NodeJS and MySQL.
- Create and maintain the database schemas of software applications using SQL and NoSQL.
- Conduct testing of websites and web apps including designing of test plans.
- Testing, debugging and resolving the problems of the critical issues. Identifying causes of software failure and fixing them to ensure system uptime and performance.
- Deploying and integrating functions, software and application ensuring compatibility. Create queries, scripts and web pages.
- Managing code version control utilising GIT.
- Writing and maintaining technical documentation and user manuals for software solutions.
- Developing solutions for Shopify, Wordpress using WooCommerce, ACF and Gravity forms.

Backend Developer - Intern

Sept 2019 – Dec 2019

Thinkun, Newtown

Responsibilities

- Migration of virtual machines from AWS to Microsoft Azure.
- Upgrade the dependencies of deprecated solutions within the software product.
- Settling up Parse server on Azure and deploying app service with Linux to migrate code from virtual machines to existing solutions.

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- Unit testing for cloud code and deploy push notification on IOS and Android via Xamarin.
- Using Git Flow and Jira issues to track version and features of branches for code.
- Working with MongoDB and Cosmo DB on Azure.

Augmented Reality Developer
Rowland, Brisbane

Dec 2017 – May 2018

Responsibilities

- Developed an application with React Native, NodeJS Command Line Interface (CLI) and NPM Package management with Javascript.
- React Native was used to build truly native cross-platform apps for Android and IOS.
- Developed Swift 4 and Objective-C Modules for Bridging React-Native and IOS to extend the solution requirements.
- Extended IOS with ARKit 11+, design and develop ARKit animation with 3D spatial mapping.
- Researched and analysed the possible solution for placing objects in a 3D world with ARKit and VRAIRO.
- Developed Unity3D Animations for Some Projects using requirement specific language i.e. C# Scripting.
- Created RESTFUL Api in PHP and consumed it in an IOS application to send and receive data.
- Developed animating 3D objects in Real world.

Microsoft Student Partner
Microsoft, Pakistan

Sep 2014 – Sept 2015

Windows Application Developer Intern
Microsoft, Pakistan

Aug 2014 – Sept 2014

Responsibilities

- Worked as a community Speaker of Microsoft at COMSATS Islamabad Campus.
- Evangelized Microsoft Technologies at Campus and Trained Maximum developers for Windows Store, Windows Phone app and Game development.
- Built Applications/Games and Demos.
- Demonstrated the Newest technologies and hosted Technical events.
- Acquired the tools and Training to lead technology discussions.
- Connected with Like-Minded students and Faculty around the world.
- Attended training from Microsoft Leaders to enhance our knowledge about cutting edge technologies.
- Represented campus with Insight and answers on Microsoft Technologies.
- Designed and developed games in Unity3d and exported them to Microsoft Platforms.

References

Available upon request.