

Muhammad Arham Khan

UNDERGRADUATE STUDENT · SOFTWARE ENGINEER · TECH ENTHUSIAST

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Education

Bilkent University - Turkey

B.S. IN COMPUTER ENGINEERING

- Sept. 2017 - Jun. 2021
- CGPA: 3.44
- 120% merit scholarship
- 3 High Honors, 2 Honors

Beaconhouse School System - Pakistan

GCE O/A LEVELS

- Valedictorian Class of 2017
- 2A* 3As in GCE A Levels
- 8A*s in GCE O Levels
- 100% merit scholarship

Skills

1. **Web Development:** TypeScript, Laravel/ Php, Django/ Python, JavaScript ES6, ASP.NET, AngularJS, ReactJS, MongoDB, Webpack
2. **Mobile App Development:** Android (Java), iOS (Swift), React Native, Flutter
3. **Design:** UI/ UX Design, Adobe Photoshop/ Illustrator
4. **Version Control:** Git, Mercurial
5. **Experienced in:** Java, TypeScript, PHP, Python
6. **Acquainted with:** CI/CD, C, AWS, C++, Linux (Debian/ Ubuntu), Docker, Webpack, Firebase, Visual Basic
7. **Leadership:** Project team leader, College event director, senior cadet

Experience

Cubicl

SOFTWARE ENGINEER

Ankara, Turkey

Apr. 2020 - Date

- Develop mobile applications using react-native, redux, axios, RxJS and React Hooks. The main project I work on, Cubicl's application, has over 10000 downloads on the app stores and a daily active user base of 1500+ sign-ins.
- Develop and maintain RESTful API services on a Laravel backend for the applications.
- Responsible for testing and deploying the compiled application bundles to relevant stores.
- Develop and maintain Cubicl's Angular2 Web Application and it's Laravel backend.

DriveBuddy

SOFTWARE DEVELOPER - PART TIME

Ankara, Turkey

Dec. 2019 - Feb. 2020

- Developed native Android applications and SDKs for DriveBuddy's drive analysis platform.
- Worked on microservices that parsed over 1600 unit files uploaded to data buckets every minute, developed relevant RESTful APIs for the DriveBuddy SDKs.
- Handled integration/ issue tickets by users to streamline the usage and remove any bugs.

P.I. Works

SOFTWARE DEVELOPMENT INTERN

Istanbul, Turkey

Jun. 2019 - Aug. 2019

- Contributed to their AngularJS based Learning Management System Application by adding multiple crucial modules and packaging/ optimizing it with webpack - reducing package size by 36%.
- Implemented several API micro-services in ASP.NET for the LMS's backend for features like flexible code submission/ assessment by file parsing, systematic reporting of the test outcomes for the judges.

Spetron

APPLICATIONS DEVELOPER - PART TIME

Izmir, Turkey

Nov. 2018 - Dec. 2019

- Developed native Android and hybrid (React-native) mobile applications with over 10,000 downloads each.
- Developed Php (Zend / Laravel) based Web applications and actively fix client requests/ issue for them. One of these SaaS application (Erasmusport) had over 17000 registered users.
- Setup and maintain Debian based VPS servers for the web applications and handle Database revisions for the deployments.

Jaffer Brothers Pvt. Ltd.

APPLICATIONS DEVELOPER INTERN

Karachi, Pakistan

July. 2018 - Aug. 2018

- Developed a SOS Android application called "Muhafiz" with features like location broadcast to online rescue service consoles and SMS messages to emergency contacts/ centrum server to parse the emergency request.
- Worked on a Budget Management Application called "Hysab Kytan".

Alinon

FOUNDER & CEO

Karachi, Pakistan

Aug. 2013 - Date

- Lead a team of 2 freelance developers to plan, design, and develop mobile/ web development projects.
- Handle the client communication end of the firm and handle reviews and feedback during and post-development.

Projects

Vestium

Android, Java, Firebase

A SMART WARDROBE ORGANIZER ANDROID APPLICATION

- Indexing clothes, dress suggestions, defining looks, scheduling dresses, laundry managements, sharing wardrobe articles with "circles" and cloud backup for access across devices.

Anonyma

Android, Google, Firebase

AN ANONYMOUS SOCIAL NETWORK FOR STRANGERS

- Anonymous sign-up, post anything anonymously, chat with strangers, see posts/ users from around you, view user profiles, search usernames/ posts/ tags.

FoodJungle

Laravel, ReactJs

A FOOD ORDERING APPLICATION WITH A TWIST

- Targetted towards university students/ office workers, apart from conventional food options, FoodJungle also enables users to order food from small-scale/ home-based restaurants that serve limited times a week.

Erasmusport

React Native, Zend, Firebase

AN APPLICATION FOR ERASMUS EXCHANGE STUDENTS TO TRACK/ SUBMIT THEIR APPLICATIONS

- A hybrid application for a SaaS web application that enables users to perform major erasmus application operations from their mobile devices.

Moneymate

Flutter, SQLite

A SIMPLE AND EASY-TO-USE MONEY MANAGER APPLICATION

- Designed for college students. Simply records expenses/ debts and displays their totals on a clean dashboard

BulksMS

Android, Java, Firebase

A BULK SMS MARKETING APPLICATION

- Storing contact lists on the cloud, sending messages to selective lists, receiver mode for sending messages from console, smart time-delay to avoid network clogging.

Unimate

Laravel, Php, Sql

A ONE-STOP HUB FOR UNIVERSITY STUDENTS

- Sharing academic content, help forums, peer tutor search, posting gigs/ selling articles, collaborating on course summary notes, uploading/ downloading course content.

SIMI

Laravel, Php, Sql

A PHP (LARAVEL FRAMEWORK) INFORMATION MANAGEMENT SYSTEM FOR SCHOOLS

- Organizing, indexing, managing student/ day-to-day school activities. Finance management, HR management and attendance modules.

Honors & Awards

- 2018 **High Honors:** Bilkent University - Computer Engineering Department
- 2017 **Bilkent University:** 120% Merit Scholarship
- 2017 **Valedictorian - Class of 2017:** Beaconhouse PECHS Campus
- 2017 **High Achievers Award:** EducationUSA - USEFP
- 2017 **Joint Secretary:** BCCP Science Society
- 2016 **Honorary Mentions:** PMUN, MUNINP AT PNEC NUST
- 2016 **Badge of Honor:** Cadet College Petaro

Links

1. **LinkedIn:** [linkedin.com/in/muhammadarhamkhan](https://www.linkedin.com/in/muhammadarhamkhan)
2. **Behance:** [behance.net/muhammadar75cd](https://www.behance.net/muhammadar75cd)
3. **Medium:** medium.com/@muhammadarhamkhan
4. **Playstore:** Alinontech
5. **Github:** MAKman1