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## OBJECTIVE

A motivated individual with in-depth knowledge of languages and development tools, seeking a position in a growth-oriented company where I can use my skills to the advantage of the company while having the scope to develop my own skills.



## EDUCATION

**BS COMPUTER SCIENCE | UNIVERSITY OF ENGINEERING & TECHNOLOGY, LAHORE**

2016 - CURRENT | 3.23 CGPA

**FSC PRE-ENGINEERING | GOVT COLLEGE TOWNSHIP, LAHORE**

2014 - 2016 | 86% A+



## EXPERIENCE

**FIVERR | FULL-STACK FREELANCE DEVELOPER**

OCT, 2018 -

Worked with 50+ freelance projects and have 30+ international clients.

**TEAM CYBER SWITCH | PENTESTER**

2014 - 2016

I was a crew member of Team Cyber Switch for two years and during these two years I accessed and patched more than 500+ websites by exploiting sql injection vulnerability.



## INTERNSHIP

**KICS, UET | ROBOTICS RESEARCH INTERN**

JUN, 2019 - SEP, 2019

I have worked with "autonomous navigation robot using SLAM" project and also completed my own autonomous robot as a part of my final year project.

**QUVA | LARAVEL DEVELOPER**

JUN, 2018 - SEP, 2018

I have worked as intern Full-Stack laravel developer at Quva and completed thier GRE preparation web application.



## SKILLS

### NodeJS

Completed small scale applications using Node Js with MongoDB, MySQL DB and socket.io.

### React-Native, Redux, Firebase

Developed three Android/IOS applications with react native and firebase as database.

### Laravel

Completed multiple projects with PHP laravel.

### REST API

Developed chat messenger using REST API, socket.io and NodeJs with mongoDB as database.

### Django

Developed multiple web apps and used its services in mobile applications.

### ASP.NET MVC 5

Developed multiple web applications and apis.

### JavaScript & jQuery

Completed more than a dozen small scale web applications.

### PHP Core

Developed multiple web applications and apis.

### ROS(Robot Operating System)

Made autonomous navigation Robot using SLAM as my final year project.

### .NET desktop app development

Developed management systems and small scale applications.

### HTML/CSS

Developed some basic website themes.

### MYSQL, SQL Server, SQL Lite, MongoDB

Used SqlLite, SQL Server, MongoDB and MySQL in different web, desktop and mobile applications.

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## FINAL YEAR PROJECT

I worked on AGV(Automatic Guided Vehicle) based interpretation using SLAM(Simultaneous localization and mapping) as my final year project. The project is based on two modules, first module is AGV and second one is scene interpretation. Software part of AGV module is developed using ROS indigo and connected it to hardware part via ROS-Arduino Bridge. Scene interpretation uses Openpose for joint detection and CNN for object detection (objects as pistol, knife and baggage).

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## EXTRA CURRICULAR ACTIVITIES

### EHS - School Awareness Campaign | ORGANIZER

MAR, 2019

Organizer of school awareness campaign UET 2019.

### NAQSH 18 | ORGANIZER

DEC, 2018

Organizer of UET NAQSH 2018.

### UET STREET ART 18 | ORGANIZER

DEC, 2018

Organizer of UET STREET ART 2018.

### APEX 18 | ORGANIZER

MAY, 2018

Organizer of All Pakistan Environmental Art Exhibition 18.

### SKM SCIENCE FAIR | PARTICIPANT

FEB, 2011

Made a DIY wind power mobile charger.

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## ACADEMIC PROJECTS

### BOOK SHARING APP | ANDROID STUDIO & FIREBASE

7<sup>TH</sup> SEMESTER PROJECT

### MOBILE PHONE SPECS WEBSITE | LARAVEL & SQL SERVER

6<sup>TH</sup> SEMESTER PROJECT

### OPEN SOURCE MCAT & ECAT PREPARATION SYSTEM | ASP.NET MVC 5 & SQL SERVER

5<sup>TH</sup> SEMESTER PROJECT

### MEDICAL EMERGENCY SYSTEM | WINDOWS FORMS & WCF

4<sup>TH</sup> SEMESTER PROJECT

### LUDO GAME | C++

3<sup>RD</sup> SEMESTER PROJECT

### 2D ADVENTURE GAME | BYOB

1<sup>ST</sup> SEMESTER PROJECT