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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 | UNVERSITY OF ENGINEERING & TECHNOLOGY, LAHORE**
2016 – CURRENT

**FSC PRE-ENGINEERING | GOVT COLLEGE TOWNSHIP, LAHORE**
2014 – 2016

## EXPERIENCE

**Fiverr | FULL-STACK FREELANCE DEVELOPER**
OCT, 2018 -
Worked with 50+ freelance projects and have 30+ international clients.

**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.

**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.

## SKILLS

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

- **Laravel**
  Completed multiple projects with PHP laravel.

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

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

- **JavaScript & jQuery**
  - Completed more than a dozen small scale web applications.
- **React-Native, Redux, Firebase**
  - Developed three Android/IOS applications with react native and firebase as database.
- **ROS(Robot Operating System)**
  - Made autononous navigation Robot using SLAM as my final year project.

- **ASP.NET MVC 5**
  - Developed multiple web applications and apis.
- **PHP Core**
  - Developed multiple web applications and apis.
- **.NET desktop app development**
  - Developed management systems and small scale applications.
- **HTML/CSS**
  - Developed some basic website themes.

## 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).

## EXTRA CURRICULAR ACTIVITES

### SCHOOL AWARENESS CAMPAIGN 19 | 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.

### SKM SCIENCE FAIR | PARTICIPANT
FEB 2011
Made a DIY wind power mobie charger.

## LANGUAGES

- Khowar
- Urdu
- Punjabi
- English

## INTERESTS

- Video Games
- Movies
- Football