



Muhammad Bilal

Software Engineer

About Me

I am a team player with a can-do attitude and phenomenal problem solving skills. My goal is to obtain dynamic, unique and challenging opportunities which contribute to the tech world via Computer Science knowledge and usage of its diversity.

Get in touch!

+923214021819

bilal.sajjad786@gmail.com

<https://bilal1602.github.io/portfolio/>

<https://www.linkedin.com/in/muhammadr-bilal-sajjad-b0228818b/>

<https://github.com/bilal1602>

Gulshan-e-Ravi, Lahore

Work Experience

Software Engineer

SurveyAuto | September 2020 - Present

- Developed SPAs using ReactJS and Redux.
- Lead a team to build a react and redux based frontend portal and analysis dashboard with Nodejs (express) server for one of the major telecom providers of Pakistan.
- Extensively worked with Google Maps API for a variety of use cases in around 8 products for Geospatial analysis using polygons, markers, marker clusters, info windows and circles.
- Developed prototype dashboards (3 unassisted) for 5 giant FMCG companies and a major telecom company, 4 of which were onboarded.
- Integrated Firebase authentication and Firestore with SPAs along with Firebase Admin SDK on Nodejs server for Admin features.
- Developed Web Application for publishing Ads on social media platforms (Google, Facebook, Instagram and Messenger).
- Integrated interactive Google Map with Google Places API and a rule based engine.
- Integrated Google Ads API and Facebook Marketing API in Ads application.
- Integrated sales analysis dashboard with Ads Application for hyper targeting ads to boost product awareness and sales.
- Built flask based backend server for utilizing Google Ads Client SDK.

Software Engineer

PikesSoft | May 2020 - September 2020

- Programmed NodeJs and Python scripts and created scalable architecture for data collection from 9 social media platforms (Facebook, twitter, ProductHunt etc.)
- Developed pipelines to scrape and clean data in order to be utilized by following modules.
- Integrate 3rd party APIs with NodeJS for facial recognition, multiprocessing, scheduling script execution and DB operations on PostgreSQL.
- Built Python scripts for automating client's daily digital chores using Selenium and Pyautogui.

Jr. iOS Developer

Sixlogics | Nov 2019 - May 2020

- Revamped UI of 2 apps and 5+ core components of a live product to introduce adaptivity and responsiveness across multiple iOS devices.
- Integrated google maps SDK, reverse geocoding and location selection.
- Integrated 3rd party library to monitor internet connectivity status.

Skills

- ReactJS
 - Redux
 - Tailwind CSS
 - Google Maps API
 - Recharts
- NodeJS
 - Express
 - MongoDB
 - Puppeteer
- Python
 - Selenium
 - PyAutoGUI
 - Flask
 - Pandas
- Firebase
 - Authentication
 - Firestore
 - Realtime Database
- AWS
 - S3 CLI
 - EC2
- Marketing APIs
 - Google
 - Facebook
- Version Control
 - Github
 - BitBucket

Academic History

University of Central Punjab

BSc Computer Science | 2014 - 2019

Punjab Group of Colleges

FSc Pre-Engineering | 2012-2014