


# MUHAMMAD BILAL YOUSAF

Software Developer

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 bilalmughal1309@gmail.com

## + EDUCATION

- University of the Punjab  
Gujranwala  
2021  
**BSIT (HONS)**

## + LINKS

LinkedIn

[www.linkedin.com/in/ muhammad-bilal-yousaf-gtek](https://www.linkedin.com/in/muhammad-bilal-yousaf-gtek)

GitHub

<https://github.com/bilal219>

## + LANGUAGES

Urdu

English

## + HOBBIES

- Cricket, Video games, Electronics work, Cooking, Traveling

## + ABOUT ME

An academically and commercially astute software developer and technological expert, I'm deeply passionate about pioneering the conceptualization, design, and development of cutting-edge software solutions. My commitment to excellence is fueled by relentless dedication, a constant pursuit of new skills, and a track record of delivering innovative solutions that drive success in the dynamic field of software development.

## + WORK EXPERIENCE

- GTek.Solutions (aka FASCHO Technologies) JAN 2022 - PRESENT  
Lahore  
**FULL STACK DEVELOPER**
  - Learnt Next.js, strapi, GraphQL(front end and backend), sass, Recoil (for state management) ,Tailwind CSS and AntDesign
  - Developing and Implementing a responsive user interface by using React.js, Next.js
  - Work with Recoil for managing the state of an application
  - Use React Query for fetching backend data
  - Crafted literate and comprehensive source code
  - Handled user issues for ongoing projects
  - Use the version Control System Git to track changes
  - Worked on a project to decrease rework and costs
  - Implemented Agile development process for building applications
  - Used Node.JS and Strapi (Headless CMS) with GraphQL for creating scalable, fast backend services
  - Used relational or non-relational databases for storing data
  - Willing to Learn DevOps and become a Certified DevOps Engineer
- Technic Mentors JUL 2021 - JAN 2022  
Gujranwala  
**FULL STACK DEVELOPER**
  - Learn and Work on the front end to create the UI and interactive aspects of a website
  - Learn Git and Merged code for different team members

- Learn the Basics of React-JS to build modern-day UI Basic components, Events handlers, Props, and many more
- Work on different projects to get my hands dirty on HTML, CSS, Bootstrap React-JS, etc
- Learn php Laravel (v7 and 8) and make many projects using jquery ajax and js using with it
- Worked on desktop application too made in c#

## + SKILLS

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Javascript	TypeScript
React.Js	Next.Js
Node.Js	Express.Js
Sequelize	SQL
MySQL	MongoDB
GraphQL	Tailwind CSS
Ant Design	Bootstrap
Recoil	Strapi CMS
GitHub	Php Laravel

## + MAIN PROJECTS

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### ● HOME SCHOOL PANDA (HSP)

- MySQL, MongoDB, Express-JS, GraphQL, Angular 1, React-JS
- It is an old project built in 2017 and on older technologies
- My role was converting the front end from Angular One to
- React-Js and backend related small tasks with GraphQL.
- During the conversion, I also handled a ton of different user issues of both frontend and backend
- Added a complete module (Chores: daily tasks for the users to remind on calendar as well) i handled all the fornt end part in this module
- <https://app.homeschoolpanda.com>

### ● FOUNDATION OF BIOMEDICAL RESEARCH

- It is a project related the biomedical research
- All the research and solutions reltaed medical are shown
- Subscription is added
- Backend is handled in strapi with GraphQL and SQL as database
- Front end is handled in Next.js
- I handled users issue and added new component according to needs of the customer
- <https://fbresearch.org>

## ● NATIONAL ASSOCIATION OF BIOMEDICAL RESEARCH

- MySQL, Strapi, Next.js, Salesforce, Soapbox, Framer Motion
- It is a Research Lab that uses animals in Ethical and responsible Research.
- My role was to develop a dynamic frontend using Next-JS as the frontend and Strapi as a headless CMS and also to merge all the pull requests and push to the testing and production environment
- I also handled the animation part of the project using Framer Motion and custom one
- <https://test.nabr.org/>

## ● PRELABS

- MySQL, Strapi, Next.js, Salesforce, Soapbox, Framer Motion
- It is a Research Lab that do ethical research to find cures.
- My role was to develop a dynamic frontend using Next-JS as the frontend and Strapi as a headless CMS also to merge all the pull requests and push to the testing and production environment sololy
- I also handled the animation part of the project using Framer Motion and with custom sass
- <https://test.prelabs.com/>

## ● HUMBLE LAB

- MySQL, Strapi, Next.js, Stripe, Framer motion
- It is a marketing site for the pre-booking of a solar car Humble One
- It was an ongoing project I developed a few pages and made them dynamic using Strapi (headless CMS)
- I also handled the animation part of the project using framer motion

## ● POS

- php Laravel, JQuery, Ajax Call for API, js for reusing the component, blade pages for front ed and bootstrap
- I completely developed this project by my self
- It handles all the monetary tail, Cash in out and all stuff related inventory management and POS system
- My role was to make it repsonive as well as fixing all caliculation issues and user issues
- <https://pos.technicmentors.com/>

## ● STATIC AND SMALL SCALE PROJECTS

I have also worked on following projects that were statics and some were small scale with dynamic flow

- Total Dental Lab
- PakTurk International
- Office management system
- Attandance management system
- ISP payment and rollcall system

- Personal Portfolio (Deprecated working on new one)