

Muhammad Usama Adil

Software Engineer

CONTACT

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ABOUT ME

As a passionate Web and App Developer with 3 years of experience, I have hands-on experience in full stack development using the **MERN stack**. I specialize in delivering modern, scalable solutions tailored to client goals. With a strong command of **React.js, NestJS, MongoDB, and Postgres**, I build intuitive user interfaces backed by robust server-side logic and data management.

I've led and collaborated on several projects across industries including **esports, healthcare, and business** development, each involving complex **management systems** with **secure admin panels** and **user authentication**. Whether it's **traditional email/password** systems or seamless Google login via **Firebase / Supabase**, I ensure smooth, secure user experiences.

I take pride in translating client visions into powerful digital products, offering not just code but real solutions that grow businesses. If you're looking for a reliable, forward-thinking developer to bring your project to life, let's connect.

EDUCATION

Bachelor: **Punjab University College of Information Technology** (2019–2023)

BS(Computer Science) CGPA: 3.44.

College: **Beaconhouse College Campus Gulberg 2019**

A levels

School: **Beaconhouse Garden Town Lahore 2017**

O levels

PROFESSIONAL EXPERIENCE

Position: **Full Stack Web and App developer (MERN STACK) | 2023–present**

Company: **Phaedra Solutions**

Responsibilities include but are not limited to:

- To translate Wireframes, PSD Designs and Figma designs into functional web apps using **HTML5, NESTJS, React, NEXTJS Vue, Express.js/Node.js** connecting with **Postgres and MongoDB**.
- Manage backend and frontend deployments on **AWS EC2** and **Amplify. (Devops)**
- Manage **Github CI/CD Pipelines**.
- Binding of UI elements to JavaScript object models.
- Creating **RESTful** services with **Node.js, NestJS** and also **FastApi**.
- Architect **Scalable web architectures**.
- Work in a cross-functional team to deliver a complete user experience. **Clickup, Jira**
- Create **Unit and Integration tests** to ensure the quality of code. **(Jest)**
- Be responsive to change requests and feature requests.
- Write code that is cross-platform and cross-device compatible.

KEY PROJECTS AT PHAEDRA

2 Game Pro

In this project I worked and collaborated on building a desktop game tracker app, that monitors game activity and gives rewards on completing challenges through a loyalty points system.

This system was integrated with **Valorant** and **Counter Strike 2** through a platform called **Overwolf**. Overwolf provides us with some apis along with listeners that run in the background as the game is running, launched or closed. It listens to various events like kills, deaths, assists and bomb plants etc within the game. and provides an interface for a custom app to be shown in game. This was also integrated with **Openloyalty**, a third party service that keeps record of customer's activities on the app and gives them loyalty points and coupons.

Very satisfactory solutions and apps were provided to the client in this project along with backend api's documentation including complete directory structure.

The following Technologies were used in the making of this project:

- **NextJS (frontend desktop app and webapp)**
 - **NestJS (backend integration of Apis)**
 - **Postgres and mongodb (databases)**
 - **Overwolf Apis, Openloyalty Apis**
 - **GraphQL**
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Bridge Bio

Collaborated & worked on a **Content Management System** for medical research and development.

- Researched and implemented secure management system, secured by **AuthO** and uses AuthO user management service.
- Made professional looking yet modern style CMS designs in it using **Tailwind**.
- Made **Robust backend modules** along with its **admin panel modules**
- Made logical Database tables according to requirements for the CMS to handle complex operations and user permissions.

Our team recieved a highly satisfactory response from the client in this project

The following Technologies were used in the making of this project:

- **NextJS (frontend webapp)**
 - **NestJS (backend integration of Apis)**
 - **Postgres (database)**
 - **REST**
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Restat

Worked on a **central management system** application and its **chrome extension** named Restat. This is an internal product. It manages the business development of a company. Keeps record of Bids made or connections sent over Upwork and LinkedIn for each registered Business developer. some of the modules that were assigned to me include:

- Firebase authentication with OTP
- User Session management (logs out on inactivity)
- Database tables setup for Bids and connects tables.
- Frontend dashboard to display stats for each bidder.
- Internal chat on the application in form of comments.
- Notifications banner to show on logged in user notified by the super admin panel.

The following Technologies were used in the making of this project:

- **NextJS (frontend webapp)**
- **NestJS (backend integration of Apis)**
- **Postgres (database)**
- **REST**

AI Agents (LinkedIn post content generation App)

Collaborated on **AI integrations** on various software **AI agents**.

This app provides responses from various AI models and posts them on linkedIn.

My responsibilities:

- Create and Integrate some endpoints in Fast API with the n8n webhook.
- Use the linkedIn api to post the AI generated posts on the user's linkedIn profile with multiple images.

The following Technologies were used in the making of this project:

- **Vite App(frontend webapp)**
 - **FAST API (backend integration of Apis)**
 - **Postgres, Supabase (databases)**
 - **REST**
 - **N8N**
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Hopwork AI (LinkedIn Scraper and Resume AI)

This app provides a scraping service for linkedIn job posting. Furthermore, it enriches the record of applied job's company with **Apollo api** such that we get email information of members of that organization to contact with.

Along with that this app provides **AI** service that gives ATS score to your uploaded resume and even generates a cover letter keeping in context your uploaded resume and applied Job.

My responsibilities:

- Complete the whole development of the app with scrapping, enrichments and integration of AI service created by AI devs.

The following Technologies were used in the making of this project:

- **NextJs (frontend webapp)**
- **NESTJS (backend)**
- **Postgres (databases)**
- **Firebase google login**
- **REST**
- **AWS (EC2, Amplify, S3 buckets, RDS)**

CERTIFICATES

- Coursera medical diagnosis using AI
- Clickup and Scrum certificates
- Coursera python certifications
- Reached upto ranked teams in ICPC national coding competition.
- Participated in GDSC coding competition
- Team Ranked 3rd in Nascon game dev event.
- Runner up in codo dojo (In house coding competition)

SKILLS

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|---------------------------|---------------------------|
| • TypeScript JavaScript | • OAuth |
| • React JS Vite | • GitHub |
| • NextJS | • Docker |
| • Express | • Machine Learning |
| • Nest JS | • Data Science |
| • MongoDB | • Artificial Intelligence |
| • Mongoose | • Python |
| • Postgres | • Pusher |
| • Sequelize | • HTML, CSS |
| • Web Sockets | • Jest |
| • Linux | • Cypress js |
| • Devops | • OpenLoyalty |
| • Firebase | |
| • Auth0/ Okta | |