

# Muhammad Hussnain

## SENIOR SOFTWARE ENGINEER

### PROFESSIONAL SUMMARY

Experienced Software Engineer and Full Stack Developer with a proven track record of designing and delivering high-performance, scalable web applications. Proficient in developing end-to-end solutions, optimizing application performance, and collaborating with cross-functional teams to drive innovation and achieve project goals. Committed to continuous learning, adopting cutting-edge technologies, and adhering to industry best practices to craft exceptional user experiences.

### SOCIAL LINKS

Github: <https://github.com/techInnovator1999>

### WORK EXPERIENCE

#### Senior Software Engineer | Dec 2021 - April 2025

OptimaGeeks

- Developed and maintained robust web applications, ensuring seamless functionality and user-friendly interfaces.
- Optimized application performance and scalability to meet evolving business requirements.
- Led multiple projects, managing timelines, deliverables, and direct communication with clients to ensure alignment with their requirements.
- Designed and implemented efficient database architectures to ensure data integrity and reliability.
- Collaborated with cross-functional teams to identify project requirements, troubleshoot issues, and deliver high-quality solutions.
- Ensured adherence to best practices in coding, testing, and deployment to maintain application reliability and performance.

#### Software Engineer Intern | Sep 2021 - Dec 2021

Codeteck

- Assisted in developing and maintaining web applications, ensuring smooth functionality.
- Participated in debugging and testing to improve application quality.
- Collaborated with team members to deliver features aligned with project requirements.
- Contributed to designing user-friendly interfaces and improving usability.

### TECHNICAL SKILLS AND EXPERTISE

#### Languages and Frameworks:

- Javascript / Typescript
- Angular / ReactJs / NextJs / VueJs
- NodeJs / ExpressJs / NestJs
- RxJS / NgRx / Redux / Redux Toolkit
- Mongoose / TypeORM / Sequelize
- PHP / Laravel / Yii2 / WordPress
- Python / Django / Flask / FastAPI
- Angular Material / Tailwind / MUI / Bootstrap
- WebSocket / Socket.IO

#### Databases:

- MongoDB / Postgress / MySQL / CouchDB / Firebase / Supabase

#### Cloud services:

- AWS EC2 / AWS S3 / Heroku / Netlify / Vercel / Digital Ocean / Hetzner

## Workflow Automation & Integrations:

- OpenAPI / Gemini / n8n / make.com / Stripe / Wise / MailJet / MailChimp / Twilio / Google maps

## API Standards & Tools:

- GraphQL / RestAPI / Swagger / Postman

## Components & Tools:

- BeautifulSoup / Selenium / Scrapy / Puppeteer / Playwright
- Vibe Coding / Bolt / Lovable
- Git / Github / Gitlab / Bitbucket
- Docker / Nginx / Apache Redis / NPM Jira / Clickup / Slack / Google
- Chat Figma / Cursor / VS Code / Ubuntu

## Services:

- Web Development / CRM Software / E-commerce Application / Web Scraping / Third-party tools integration / Back-end Development / Front-end Development

## PROJECTS

### SHC | Select home cleaning

selecthomecleaning.app

**Skills:** ReactJs, Redux, ExpressJs, MongoDB, Stripe, Socket.IO

- Built a complete home cleaning platform from scratch with real-time job booking, notifications, and role-based workflows.
- Implemented role-based functionality for Customer, Cleaner, and Admin users.
- Enabled real-time job broadcasting and acceptance using Socket.IO, allowing cleaners to respond instantly to posted jobs.
- Integrated Twilio for SMS alerts and MailJet for email notifications.
- Handled payments using Stripe and Wise integration.
- Built an in-app chat and notification system using Socket.IO for seamless communication and status updates.
- Deployed and maintained production environment on Hetzner, ensuring scalable and reliable infrastructure.

### Optima CRM

my3.optima-crm.com

**Skills:** Angular, Angular Material, RxJS, ExpressJs, Yii2, MongoDB, Socket.IO

- Enterprise CRM tailored for the real estate industry, enabling businesses to manage properties, leads, bookings, and communications through a centralized platform.
- Served as a Full Stack Developer and Team Lead in a collaborative, cross-functional development team.
- Enhanced user experience and performance by optimizing existing modules and streamlining key workflows.
- Contributed to designing user-friendly interfaces and improving usability.
- Helped maintain data integrity and scalability for multi-business environments within a shared centralized system.
- Implemented email communication features using the Mailbox module for sending, receiving, and organizing client emails.

### Carserv

carservapp.com

**Skills:** Angular, Angular Material, RxJS, ROR, Socket.IO

- An operating system for the automotive repair industry, enhancing repair shop operations and customer experience through data-driven insights.
- Contributed as a Full Stack Developer in a collaborative team, improving core features and resolving critical bugs during QA to support production readiness.
- Worked within an agile environment, participating in sprint planning, code reviews, and team discussions to align development with business goals.

## **Poshcars**

poshcars.io

**Skills:** ReactJs, NodeJs, Javascript, Firebase, Dataconnect, Postgress

- Developed and implemented cron jobs for payment reminders and automatic booking extensions, contributing to increased business revenue.
- Successfully migrated the entire database from Firestore to PostgreSQL using Firebase Data Connect, leveraging GraphQL for efficient querying.
- Achieved a 90% reduction in API response time by optimizing code and improving the underlying approach.
- Led a project, successfully transitioning responsibilities to a junior team member while providing guidance and mentorship. Additionally, managed daily stand-ups and maintained effective communication with the client.

## **GoalData**

score-spot-eta.vercel.app

**Skills:** ReactJs, Tailwind CSS, Figma

- A soccer goal data visualization platform designed to showcase goal statistics and trends.
- Designed and implemented the user interface using ReactJs, focusing on a responsive and intuitive user experience.
- Translated Figma design mockups into clean, maintainable front-end components with pixel-perfect precision.
- Collaborated closely with stakeholders to refine UI/UX, ensuring alignment with user expectations and performance goals.

## **Kartedia**

kartedia.com

**Skills:** Angular, Tailwind CSS, NestJs

- A platform for designing personalized cards and generating bulk PDFs from user data.
- Developed a dynamic template editor to design custom cards with user-defined layouts and styles.
- Implemented functionality to upload Excel files, parse user data, and generate bulk PDFs with personalized cards.
- Ensured accurate data mapping between the template and each user's data fields for seamless PDF generation.
- Worked in a collaborative team environment, contributing to feature development, debugging, and user experience enhancements.

## **PULSEBOT**

pulsebot.cc

**Skills:** ReactJs, Tailwind CSS

- AI-powered product-search assistant platform designed to enhance e-commerce experiences.
- Designed and implemented responsive UI components in React.js, matching Figma/Sketch prototypes for interaction flow and style.
- Built dynamic, conversational UI features, such as auto-suggest search, chat interface, or filter/apply results components.
- Optimized front-end performance with code splitting, lazy-loading, and state management tools like Redux/Recoil or Context API.

## **EDUCATION**

### **Bachelor of Computer Science**

Superior University Lahore - (2018-2022)