



Muhammad AbdurRafay Saqlain

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● ABOUT ME

Graduate of **Sir Syed University of Engineering and Technology** with a degree in "**Computer Engineering**". competent in a variety of programming languages and tools, with a proven track record of solving technical problems and coming up with creative solutions. devoted to continuous learning and group problem-solving.

● WORK EXPERIENCE

SOFTWARE DEVELOPER – AL-HAMD TEXTILES – 02/02/2026 – 28/02/2026 – KARACHI, PAKISTAN

-Rapid System Troubleshooting: Identified and resolved critical bugs within the existing codebase, ensuring system stability and improving overall application performance during a fast-paced one-month sprint.

-Feature Development: Designed and implemented new functionalities to meet evolving business requirements, maintaining high standards for code quality and scalability.

-Agile Team Coordination: Facilitated daily Scrum meetings, streamlining communication between team members and ensuring project milestones were met on schedule.

-Version Control & Collaboration: Managed complex Git workflows, including resolving merge conflicts and overseeing branch integration to maintain a clean and functional master repository.

SOFTWARE DEVELOPER – CENTRIC TECH INC – 09/09/2024 – 23/01/2026 – KARACHI, PAKISTAN

- Develop and maintain backend services and APIs using Node.js and Express.js.
- Build and manage RESTful APIs to support web and mobile applications.
- Integrate with databases such as MongoDB and MySQL for data storage and retrieval.
- Collaborate with frontend developers, UI/UX designers, and product teams to deliver new features.
- Write clean, well-structured, and maintainable code following industry best practices.
- Implement user authentication and authorization mechanisms using JWT or similar tools.
- Optimize backend performance and ensure applications are secure, reliable, and scalable.
- Perform unit and integration testing using tools like Jest or Mocha.
- Use Git for version control and participate in collaborative code reviews.
- Work within Agile or Scrum environments, contributing to sprint planning and daily stand-ups.
- Debug and resolve application issues, improve system performance, and handle API error management.

WEB PROGRAMMER – THE TECHRICS – 01/04/2022 – 15/11/2022 – KARACHI, PAKISTAN

- Designing PSD To HTML
- Bug Fixing

WEB DEVELOPER – INTERNS PAKISTAN – 01/09/2021 – 01/10/2021 – KARACHI, PAKISTAN

- Desging PSD
- Fixing Bugs

-Analyzing Flow of Programs

WEB PROGRAMMER – BNR 360 – 15/11/2022 – 05/04/2023 – KARACHI, PAKISTAN

-Developing Website
-Developing Front End Architecture

APPLICATION PROGRAMMER – INTERACK SOLUTIONS – 15/12/2023 – 05/05/2024 – KARACHI, PAKISTAN

-Developing Database and Architecture
-Writing Backend Logics

PROGRAMMING INSTRUCTOR – SIR SYED UNIVERSITY OF ENGINEERING AND TECHNOLOGY – 01/09/2024 – 01/01/2025 – KARACHI, PAKISTAN

-Taught students the fundamentals of **HTML, CSS, and JavaScript** for building modern web interfaces.
-Guided students in creating responsive web pages and understanding core frontend development concepts.
-Introduced students to **Git and GitHub**, including version control, repositories, commits, and collaboration workflows.
-Trained students on **deployment of web applications using Vercel**, covering build, hosting, and live deployment processes.
-Conducted hands-on coding sessions and practical assignments to strengthen students' real-world development skills.
-Assisted students in debugging code and understanding best practices in web development.
-Mentored students on project development and helped them complete small web-based applications.

● **EDUCATION AND TRAINING**

10/03/2012 – 03/03/2017 KARACHI, Pakistan
SCIENCE Seedling Grammer School

Level in EQF EQF level 2

08/08/2017 – 10/04/2019 Karachi, Pakistan
PRE ENGINEERING SRE Government Degree College for Boys & Girls

Level in EQF EQF level 3

11/11/2019 – 27/03/2024 Karachi, Pakistan
COMPUTER ENGINEERING Sir Syed University Of Engineering And Technology

Website <https://www.ssu.edu.pk/> | **Level in EQF** EQF level 6

● **SKILLS**

Microsoft Powerpoint | Microsoft Word | Microsoft Office | Social Media | database | implement front-end website design | debug software | web based collaborative platforms | understand spoken English | use markup languages | analyse software specifications | use software design patterns | web programming | NodeJS, | NodeJS, expressJS | JavaScript | Web Technologies (HTML5, CSS3, Bootstrap, Angular)

● **PROJECTS**

01/07/2025 – 15/11/2025
Medtrac

Developed a comprehensive mental health management system with secure role-based authorization to ensure proper user access and data protection. Integrated Firebase for real-time data handling and authentication. Implemented Stripe for subscription and one-time payment processing. Designed secure data workflows for sensitive patient information and built features for progress tracking and personalized care plans.
Write here the description...

09/09/2024 – 10/06/2025
GrowUp

Built backend APIs with search, filter, pagination, integrated Stripe ACH payouts, Google OAuth authentication, and session management.

Link https://play.google.com/store/apps/details?id=com.centrictech.grow_up_funds&hl=en&pli=1

07/07/2025 – 09/09/2025

HRM System

Integrated Angular APIs, implemented frontend search and pagination functionalities, and performed UI bug fixing.

01/05/2025 – 10/10/2025

Khan Market

Designed and developed coupon management APIs and implemented the Stripe payment flow.

06/06/2023 – 25/02/2025

Freelance Platform (Final Year Project)

Led a team to develop a freelance marketplace platform, managed backend/frontend development, API design, database management, and deployment.

10/07/2025 – 15/09/2025

Channel NYC

Worked on a video streaming platform using **Next.js** and **Node.js**. Developed backend APIs and implemented multiple filtering and search APIs to improve content discovery. Built custom filtration APIs and integrated them with the frontend to provide fast and efficient video searching and filtering.

Link <http://channelnyc.com/>

CERTIFICATIONS

IBM, 07/08/2025

Developing Back-End Apps with Node.js and Express

Mode of learning: Online

Link <https://www.coursera.org/account/accomplishments/verify/ZEY7C1OHVK1A>

Cybrary, 02/10/2023

Introduction To Cyber Security

Mode of learning: Online

Link <https://www.linkedin.com/in/muhammad-abdur-rafay-saqlain-336215202/recent-activity/all/>

Kaggle, 12/03/2026

Introduction to Machine Learning

Mode of learning: Online

Link <https://www.kaggle.com/learn/certification/abdurrafaysaqlain/intro-to-machine-learning>

LANGUAGE SKILLS

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B1	B1	B1	B2	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user