

MUHAMMAD SHAKEEL UR REHMAN TARIQ

AI FULLSTACK DEVELOPER



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📅 1996-05-21

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🐙 github.com/70shakeel

🎓 EDUCATION

Technische Universität Clausthal, Clausthal

Masters in Computer Science, MASTER'S DEGREE

04/2025 – 12/2027

- Subjects: Statistical Data Science, Computer Organization, Secure Coding, Aeronautical Informatics, Big Data Management and Analysis, Emerging Technologies for Modern Economies, Multi-Agent Systems, Software and System Lifecycle, Agile Requirements Engineering
- Expected Graduation Dec 2027 as M.Sc.

COMSATS University, Islamabad (PK)

Computer Science, BACHELOR'S DEGREE

02/2014 – 03/2020

- Compulsory Subjects: Introduction to Computers and Programming, Software Engineering, Data Base Systems, Artificial Intelligence, Computer Communication and Networks, Design and Analysis of Algorithms
- Specialisation Electives: Digital Image Processing, Computer Graphics, Scripting Languages, Web Engineering, Object Oriented Analysis and Professional Practices IT

💼 EXPERIENCE

Snipe Solutions

AI Fullstack Developer

06/2025 – Present | Braunschweig(Germany)

- Developed AI SaaS tool using React, n8n, and Supabase that generated real estate brochures from user prompts — automated 90% of manual workflow, improving marketing efficiency.
- Handled workflows using n8n.
- Created APIs using Supabase n8n workflows.
- Rendered HTML preview and downloadable PDFs

ByteMasters

FRONTEND DEVELOPER

03/2022 – 03/2025 | Islamabad(PK)

- Built/maintained React-based web apps using Redux, Axios, and responsive layouts.
- Optimized performance via code splitting, lazy loading, and API pagination.
- Collaborated with designers to implement mobile-first UIs with Tailwind CSS

Zeptosol

FRONTEND DEVELOPER

04/2020 – 02/2022 | Islamabad(PK)

- Worked with the design team to implement user-friendly interfaces.
- Contributed to the development of new features and functionality.
- Assisted with debugging and troubleshooting issues

📁 PROJECTS

AI Tool for Real Estate

Developed a React.js-based single-page application (SPA) with n8n and Supabase to generate property brochures from chat-based prompts, automating 90% of manual workflows and enhancing marketing efficiency. Implemented functionalities including image uploads, tags mapping for HTML, real-time HTML previews, and downloadable PDF generation using responsive design principles. Integrated Node.js for backend workflows and RESTful APIs to ensure seamless data handling and user interactions.

AI autopost workflow for posting blogs using n8n

Created an AI automation workflow using n8n that takes topics from a google sheet, creates content using Google Gemini flash 2.5 model that also produces Image prompt for creating image using OpenAI GPT Image-1 model and then posts it using http node to the backend of the website using supabase.

AI Meeting Reminder workflow using n8n

Created an AI meeting reminder workflow that checks your email and see if you have an event or meeting and sends you reminders before 24h and 1h to your email and your WhatsApp.

PIM (Product Inventory Management)

Developed React.js dashboard with real-time data visualization using Recharts. Managed state via Redux; designed product pages with Ant Design + Tailwind CSS.

- Management Electives: Introduction to Management, Entrepreneurship

Islamabad Model College For Boys G10/4 (PK)

INTERMEDIATE EXAMINATION

09/2011 – 09/2013

- Emphasis on Engineering
- Main Subjects: Mathematics, Physics and Chemistry

LANGUAGES

English
Fluent

German
A2, Other levels in progress

INTERESTS AND HOBBIES

- Online Courses
- Also interested in interdisciplinary Topics in Psychology, Philosophy, Literature and Art
- Football
- Table Tennis
- Bicycling
- Fitnessstudio
- Attending Technology Events

Trucking Company Internal Tool

Built order management, billing modules, and interactive dashboards with pie/donut charts. Reduced dashboard load time by 30% through code splitting and lazy loading, resulting in faster user interactions and improved UX. Created Node.js APIs; implemented Excel/PDF export for financial reports.

SKILLS

AI AUTOMATION

n8n, openai, gemini, grok, mistral ai, vapi (voice agent ai), langchain, make, zapier

TECHNICAL

Key Technical Competence

Strong Technical Foundation in all applied areas of Computer Science

Programming Languages

Java, C++, C, SQL, Python, HTML, CSS, Javascript, PHP, TypeScript, ReactJS, NodeJS.

Database Systems

PostgreSQL, MongoDB, MySQL, Supabase

Other Tools and Platforms

Android Studio, Microsoft Office, UML, Gradle, GitLab, Eclipse, Linux, n8n, Git, GitHub, Jira, Trello, Clickup, Figma, Adobe XD, Photoshop, Slack, Bitbucket, AWS

Certificates

5-Day AI Agents Intensive Course with Google

Completed Google & Kaggle's **5-Day AI Agents Intensive**, a hands-on program covering the design, orchestration, memory, and evaluation of intelligent agents. Built and deployed multi-agent systems using **Gemini** and the **Agent Development Kit (ADK)** through practical codelabs and live sessions with Google researchers.

AI for Everyone

- The meaning behind common AI terminology, including neural networks, machine learning, deep learning, and data science
- What AI realistically can--and cannot--do
- How to spot opportunities to apply AI to problems in your own organization
- What it feels like to build machine learning and data science projects
- How to work with an AI team and build an AI strategy in your company
- How to navigate ethical and societal discussions surrounding AI

Meta Advanced React

- Create robust and reusable components with advanced techniques and learn different patterns to reuse common behavior
- Interact with a remote server and fetch and post data via an API
- Seamlessly test React applications with React Testing Library
- Integrate commonly used React libraries to streamline your application development