

MUHAMMAD SAAD

Full-Stack Developer | Software Engineer | AI & Automation Developer

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📍 Lahore, Pakistan

SUMMARY

Full-Stack Developer with 3+ years of hands-on software development experience, including professional experience with an Australian technology company and experience working in a University IT Department. Experienced in developing production-ready web applications, SaaS platforms, AI-powered products, automation systems, APIs, browser extensions, and complete end-to-end solutions. Strong experience across modern frontend and backend development, databases, API integration, AI/LLM technologies, automation, troubleshooting, deployment, and system development.

PROFESSIONAL EXPERIENCE

Full-Stack Developer

Present

MDSOL Technologies — Australia

- Developed and maintained full-stack web applications using modern frontend and backend technologies.
- Built responsive and scalable interfaces using React, Next.js, JavaScript, TypeScript, HTML, CSS, and Tailwind CSS.
- Developed backend services, REST APIs, authentication systems, business logic, and database integrations using Node.js, Express.js, and Python.
- Worked with MongoDB and PostgreSQL for application data and backend systems.
- Integrated third-party APIs and external services into production applications.
- Developed AI-powered features and automation workflows using modern LLM APIs.
- Used Git and GitHub for collaborative software development and version control.
- Troubleshot software, API, deployment, and performance issues across the stack.
- Participated in the complete development lifecycle from implementation to testing and deployment.

IT Department Specialist

Previous

University IT Department

- Provided technical support and troubleshooting for university systems and users.
- Worked with software, hardware, networking, and internal technical systems.
- Assisted with system configuration, maintenance, and issue resolution.
- Supported users with technical problems and day-to-day IT operations.
- Helped maintain reliable technology infrastructure and resolve operational issues.
- Worked in a professional institutional IT environment alongside software development experience.

EDUCATION

Bachelor of Science in Computer Science (BSCS)

University of Central Punjab (UCP), Lahore, Pakistan

Graduated: 2025

International Production Experience

Engineered production-grade web solutions and scalable SaaS platforms for Australian technology firm MDSOL Technologies.

TECHNICAL SKILLS

FRONTEND

React.js Next.js JavaScript TypeScript HTML5
CSS3 Tailwind CSS Framer Motion

BACKEND & DATABASES

Node.js Express.js Python Flask REST APIs
MongoDB PostgreSQL MySQL

AI & AUTOMATION

LLM APIs AI Integrations Prompt Engineering
Playwright Selenium n8n Zapier Make

CLOUD & DEVELOPMENT TOOLS

AWS Docker Vercel Cloudflare DigitalOcean
Linux Git / GitHub Chrome Extensions SaaS Dev

SELECTED PROJECTS

Italy Visa Appointment Booking Automation

Automated slot monitoring and high-speed booking engine built with Playwright, Python, anti-bot bypass mechanisms, and real-time alert dispatch.

University Leaderboard & Academic Tracker

Student performance aggregation platform featuring real-time ranking algorithms, dynamic UI analytics, and automated grade synchronization.

University IT Website & Portal Management

Comprehensive institutional web management system with role-based access control, helpdesk ticketing, and digital service infrastructure.

Verilearn — Online Call Booking Platform

Full-stack consultation booking platform with calendar scheduling sync, transactional email pipelines, Supabase auth, and payment workflows.

YouTube Video Automation & MiniMax Pipeline

Autonomous AI channel workflow orchestrating MiniMax & Hailuo AI video models, automated script-to-voice synthesis, and channel publishing.