MUHAMMAD ALIYAN JAMSHAID
COMPUTER ENGINEER

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EDUCATION

Bachelor of Science in Computer Engineering   **Sep 2021 - July 2025**
COMSATS UNIVERSITY ISLAMABAD
Lahore, Pakistan

SKILLS

Full-Stack Development (React, Next.js, Node.js)
Databases (PostgreSQL, MongoDB, Prisma ORM)
AI/LLM Integration (RAG, LangChain, LangGraph)
Cloud & DevOps (AWS, Docker, Git)

PROFESSIONAL EXPERIENCE

Software Engineer — Softaims   **Feb 2025 - Present**
- Built full-stack applications and AI automation tools using RAG pipelines, LLM integrations, and backend services with third-party APIs and data scraping
- Collaborated with clients and cross-functional teams to deliver MVPs and production features, managing projects from requirements gathering to deployment across multiple domains

Software Enginner — NextInns (Remote)   **Aug 2024 - Present**
- Developed and maintained full-stack web applications using Next.js, React, Node.js, and Express with secure authentication and role-based access
- Improved database performance and reliability using PostgreSQL & MongoDB (Prisma ORM) while supporting scalable feature releases

Industrial Automation Intern — Karachi Automation   **July 2023 - Sept 2023**
- Developed and optimized ladder logic for automated control systems using Siemens & Allen-Bradley PLCs
- Configured HMI panels and integrated real-time monitoring systems for industrial automation

PROJECTS

TryEcho — AI Powered LinkedIn Content Generator   **app.tryecho.io**
- Built AI platform that transforms meeting transcripts (Fathom/Firefly) and YouTube videos into LinkedIn posts using LangGraph workflows, RAG pipelines with vector embeddings, and SSE streaming for real-time responses across multiple LLM providers
- Implemented Stripe payments, Mixpanel analytics pipeline, token usage monitoring, and reliability mechanisms with rate limiting and automated error handling

CloudacyTech — Digital Asset Management Platform   **cloudacytech.com**
- Built a platform (web and mobile) for users to securely store digital assets and assign trustees/beneficiaries for access during critical events
- Built confidential data handover workflows with verification checks for encrypted storgae, automated follow-ups, and admin oversight without exposing user data

ANC Diaspora — Community & Advocacy Platform   **ancdiasporainfo.com**
- Built full-stack community platform using Next.js to connect ANC diaspora members globally, featuring event management, volunteer coordination, and advocacy initiatives
- Integrated Stripe payment processing for convention registrations, monthly donor subscriptions, and campaign contributions.