

# SARA SALAM

+92 336 0484901 · iamsarahsalam@gmail.com · [www.linkedin.com/in/iamsarahsalam](https://www.linkedin.com/in/iamsarahsalam) · <https://github.com/sarahsalam> · Lahore, Pakistan

## EDUCATION

**BS Computer Science** · COMSATS University Islamabad, Lahore Campus | 2022 – 2026

CGPA: 3.42 / 4.0

Supervised Machine Learning — Coursera

## PROFESSIONAL SUMMARY

CS graduate with hands-on experience building production-scale full-stack applications using TypeScript, Next.js, NestJS, and Java. Strong foundation in OOP, RESTful API design, and software architecture patterns. Eager to take on new challenges, learn fast, and contribute to high-performance engineering teams.

## WORK EXPERIENCE

### Associate Software Engineer | Bitlogs

Remote

Nov 2025 – Apr 2026

- Contributed to ShipAsaan, a production courier management platform serving merchants, riders, and internal operations across multiple logistics workflows.
- Developed and maintained a large-scale courier management platform frontend using Next.js and TypeScript, applying component-based architecture and OOP principles throughout.
- Integrated RESTful APIs across 6 core logistics modules including pickups, dispatcher workflows, hub operations, COD reconciliation, and finance.
- Implemented role-based access control (RBAC) and real-time operational updates using WebSockets.

## PROJECTS

### ShipAsaan — Courier Management Platform | Bitlogs

Developed frontend modules and API integration for a large-scale courier platform at Bitlogs. Built across 6 logistics workflows with RBAC and real-time WebSocket updates using Next.js and TypeScript.

### Urban Analytics Platform | Final Year Project | Team of 3

Built a full-stack urban analytics platform processing satellite imagery to generate AI-powered environmental reports. Engineered a Next.js frontend with interactive maps and chatbot interface, integrated with a Django REST backend. Applied MVC architecture and REST design patterns throughout.

### AYLA — AI Meeting Summarizer

Built a full-stack AI meeting platform (NestJS + Next.js) following modular, service-oriented architecture. Automated meeting summarisation, insight extraction, and action item generation via LangChain + OpenAI API. Features include JWT auth, OTP recovery, real-time chat, and PDF export.

### AI Recipe Generator | Full Stack Project

Built a full-stack recipe generation app integrating Google Gemini API to generate personalized recipes from pantry ingredients. Features meal planning, recipe history, and user-scoped data isolation with a NestJS backend and Prisma + PostgreSQL.

## SKILLS

Languages: TypeScript, JavaScript, Java

Frontend: React, Next.js, Tailwind CSS

Backend: Node.js, Express.js, NestJS, Spring Boot

Databases: MySQL, SQL Server, PostgreSQL

ORM & Tools: Prisma, Supabase, Spring Data JPA

Architecture & Patterns: OOP, MVC, REST, Modular Design, Repository Pattern

AI & ML: Generative AI, LLMs, LangChain, OpenAI API, Gemini API

GIS: Google Earth Engine, Mapbox

Tools: Git, Postman, VS Code, Jira, Vercel, Render, Swagger