

MUHAMMAD AHMAD

Computer Engineering Student | Learning Backend Development & DevOps

Lahore, Pakistan | +92 337 1479647 | muhammadahmad171105@gmail.com
LinkedIn: muhammad-ahmad17 | GitHub: muhammad-ahmad17 | Portfolio: aahmad.app

SUMMARY

6th semester Computer Engineering student at COMSATS University, passionate about learning backend development and DevOps practices. Currently building skills in Node.js, Express.js, databases, and cloud technologies through academic projects and hands-on learning. Seeking internship opportunities to learn from experienced engineers and gain real-world software development experience.

EDUCATION

Bachelor of Science in Computer Engineering <i>COMSATS University Islamabad, Lahore Campus</i> GPA: 3.5/4.0 6th Semester Relevant: Data Structures, Algorithms, Databases, Computer Networks, Embedded Systems	Aug 2023 – May 2027
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EXPERIENCE

Backend Development Learning Intern <i>Innovative Saudia, Lahore (On-site)</i>	Jul 2025 – Aug 2025
<ul style="list-style-type: none">Participated in intensive backend development bootcamp focused on Node.js and Express.js fundamentalsLearned Docker containerization basics and practiced CI/CD concepts using GitHub ActionsStudied for AWS Cloud Practitioner certification through guided practice exams and learning materialsCollaborated with peers on practice projects and documented learning progress	

PROJECTS

E-Commerce Platform (Multi-Role) <i>GitHub: Muhammad-Ahmad17/E_Commerce</i> <i>React, Node.js, Express.js, SQL Server, REST API</i>	
<ul style="list-style-type: none">Learning project: Building full-stack e-commerce platform with Buyer and Vendor rolesPracticing database design with normalized schema and implementing authentication and order APIs	

Serverless User Processing System <i>GitHub: Muhammad-Ahmad17/getApiForUserData</i> <i>AWS Lambda, API Gateway, DynamoDB, S3, React</i>	
<ul style="list-style-type: none">Learning serverless architecture with AWS Lambda and API Gateway integrationPracticing NoSQL database design with DynamoDB and static website hosting on S3	

TECHNICAL SKILLS

Languages: JavaScript, Python, C, C++, SQL, VHDL (University Coursework)
Backend (Learning): Node.js, Express.js, REST APIs, MongoDB, SQL Server
Cloud & DevOps (Exploring): AWS (Lambda, S3, DynamoDB, API Gateway), Docker, GitHub Actions, Vercel, Linux, Git
Hardware (Academic): STM32, Microcontrollers, FPGA, Embedded Systems
Tools: VS Code, Postman, MongoDB Compass, Figma