ANUM KOUSAR
Software Engineer

SUMMARY

Creative and detail-oriented Software Engineering undergraduate with hands- on experience in developing responsive and interactive web applications using React, Tailwind, and Node.js/ Express.js. Skilled in building secure RESTful APIs, managing frontend– backend integration, and deploying scalable applications with Docker. Strong foundation in JavaScript, Python, and C++, with a passion for creating clean, user-focused, and visually appealing digital experiences.

EDUCATION

Bachelors in Software Engineering   2022 - 2026 (Expected)
International Islamic University, Islamabad

Relevant Coursework: Data Structures, Database, Operating Systems, Computer Networks, Machine Learning

CGPA: 3.49/4.0

INTERNSHIPS

Machine Learning   Aug 2025 - Sep 2025
Next Gen Learners, Islamabad
- Developed and optimized Machine Learning models
- Implemented NLP solutions

Python & JavaScript   Oct 2024 - Dec 2024
PHP Laravel Experts, Lahore
- Developed REST APIs using Flask
- Reduced bugs through comprehensive unit testing

C++ Developer   Jun 2024 - Jul 2024
Digital Empowerment Network, Islamabad
- Optimized algorithms that reduced memory usage
- Applied debugging techniques to resolve errors

PROJECTS

MuseTales – Artist Portfolio Website   Oct 2025
- Engineered a responsive artist portfolio platform, boosting page load speed by 30%.
- Improved backend API performance by 25%.

DevPortfolio   Feb 2025
- Designed an elegant developer portfolio using EJS templates.
- Deployed containerized build with Docker, reducing setup time by 40%.

Interactive 3D Project Globe   Dec 2024
- Crafted an interactive 3D globe using Three.js to visualize global project locations.
- Optimized user interaction, increase engagement time by 35%.

Stock Screener App   Oct 2024
- Developed a real-time stock screening tool powered by Flask backend and financial APIs.
- Implemented efficient data filtering, improving query response speed by 45%.

CONTACTS

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- github.com/anum-349

TECHNICAL SKILLS

- **Languages:** JavaScript, Python, C++, Java, HTML, CSS
- **Frameworks:** React, Tailwind, Node.js, Express.js, Flask
- **Tools:** Git, Docker, Postman, VS Code, PyCharm, Jira
- **Databases:** MongoDB, MySQL
- **Technologies:** RESTful APIs, Frontend Development, OAuth Authentication, Mapbox Integration, UI/UX Design, Responsive Web Design

CERTIFICATIONS

- NextGenLearners (Machine Learning)
- Build with AI (Google workshop)
- DigiSkills (Freelancing)
- DEN (C++ Developer)
- HackerRank (Python)

HOBBIES

- Painting
- Calligraphy
- Arts & Crafts
- Novel Reading

LANGUAGES

- Urdu (Native)
- English (Advanced)