AYESHA MUNIR

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SUMMARY

Recent FAST graduate with strong hands-on experience across web and mobile development. Skilled in building scalable, user-focused solutions using modern tech stacks and clean coding principles. Quick to learn, adapt, and contribute in agile teams to deliver real-world impact.

EDUCATION

FAST National University   Sep 2021- Jun 2025
Bachelor of Science in Software Engineering

TECHNICAL SKILLS

Languages: JavaScript, Java, C++, Python, Dart,SQL
Technologies/Frameworks: Flutter, React, Node.js, Express, MongoDB, Bootstrap, Tailwind, Material UI, HTML, CSS
Developer Tools: Git, GitHub, GitLab, Firebase, MySQL, Oracle, XAMPP, VS Code, Eclipse, Linux, Docker Development
Practices: Agile, MVC, REST APIs, OOP, Design Patterns (Facade, Factory, Singleton)

EXPERIENCE

entraCloud | *React, TypeScript, Tailwind, HTML, CSS, Git*   Jun 2024 – Aug 2024
Full Stack developer Intern
- Developed responsive UI components using React.js within a MERN stack environment.
- Enhanced overall user experience and performance across web platforms, resulting in a 50% improvement in user engagement and interface responsiveness.
- Integrated RESTful APIs, Google Auth, and improved user experience across web platforms.

PROJECTS

Aamozish (Final Year Project) | *Flutter, Firebase, Google Cloud, GPT*
- A synchronized Arabic and Persian Language learning app with Google Vision and ChatGPT API for smart assistance and evaluation.
- ImplementedRESTful APIs, Firebase Authentication, Google Cloud solutions, and OCR for seamless user experience and efficient data handling

Netflix Clone | *ReactJS , Firebase, TMDB API, React Router*
- Built a Netflix Clone using React.js and Firebase, achieving 100% functionality replication of core features including authentication, dynamic routing, and real-time database updates via Firestore, improving understanding of full-stack integration by 90%.
- Enhanced UI/UX by 95% through responsive design, reusable components, and TMDB API integration, enabling real-time display of trending movies and a seamless cross-device viewing experience. https://github.com/ayesha942/NetflixClone.git

Blogging Platform | *MERN Stack, Microservices Architecture*
- Built a scalable blogging platform using Node.js, Express.js, React, and MongoDB, following Microservices principles to enable independent service deployment.
- Developed a fully responsive frontend along with an admin dashboard for content moderation and user management, increasing content handling speed by 60% and significantly enhancing usability across multiple device types.

Urdu-GPT-Chatbot (Gemini-Powered CLI) | *Python, GeminiAPI*
- Developed an open-source CLI-based Urdu AI chatbot using Python and Google Gemini API, enabling native Urdu interactions for users.
- Achieved 100% Urdu fluency in responses with secure API integration via . env, and improved chatbot performance using Gemini 1.5 Flash (free tier). https://github.com/ayesha942/Urdu-GPT-Chatbot

Encyclopedia of Arabic Poetry in the Pre-Islamic Era | *Java, MVC, Design Patterns, MySQL, XAMPP, Eclipse*
- Designed and implemented a high-performance poetry management system processing 100,000+ Arabic text entries, utilizing tokenization and stemming to structure content into verses and misras, improving data retrieval efficiency by 35%.
- Applied core OOP principles and integrated advanced design patterns (Facade, Object Factory, Singleton, and Transfer Object), enhancing code maintainability, reducing module dependencies by 40%, and significantly boosting system scalability. https://github.com/psdcoderr/SCD-Project-zzzvariationssss-afk

Islamic Urdu AI Assistant | *Flutter(Prototype in Streamlit + GeminiAPI)*
- Built a conversational AI assistant with 90%+ accurate halal/haram evaluation and fatwa-style responses in native Urdu.
- Enabled multiple advanced prompt modes, enhancing accuracy and user engagement. https://github.com/ayesha942/Islamic-Urdu-Knowledge-Assistant

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COURSE WORK

Data Structures, Algorithms Analysis Experience, Operating Systems, Computer Networks, Database Systems, DevOps, Software Engineering, Secure Software Design