

UMAR AHMED

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OBJECTIVE

To leverage my expertise as a Full-Stack Developer, Generative AI Specialist, and Advanced DevOps Engineer to design, optimize, and deploy scalable, secure, and high-performance solutions. Committed to driving innovation through system optimization, cutting-edge web development, and AI-driven automation to deliver measurable impact and business value.

SKILLS AND ABILITIES

- **Full-Stack Development:** Proficient in Next.js, React, TypeScript, Express.js, Node.js, and MongoDB for building responsive, scalable, and secure web applications.
- **Generative AI & Automation:** Experience designing and integrating AI-driven solutions, including large language models, intelligent automation, and custom AI APIs to enhance workflows and user experience.
- **Advanced DevOps:** Skilled in CI/CD pipelines, containerization (Docker), cloud deployment (AWS, Azure, GCP), automated testing, and infrastructure-as-code for reliable, scalable systems.
- **System Optimization:** Achieved up to 70% faster frontend performance and reduced API response times by over 200% through code optimization and architecture improvements.
- **Cybersecurity & API Protection:** Implemented encryption, authentication protocols, and security metrics to safeguard applications and prevent malicious activities.
- **UI/UX Design:** Adept at creating user-centric, responsive interfaces optimized for performance and accessibility across devices.
- **API Development & Integration:** Built and secured RESTful APIs, integrated third-party services, and maintained minimal latency under heavy loads.
- **Testing & Quality Assurance:** Strong background in functional, integration, and performance testing to ensure product stability.
- **Languages:** English (Native), Urdu (Native), Hindko (Intermediate), Arabic (Advanced).

EXPERIENCE

Cybitronix Technologies (Software Engineer), PK	08-2024 – Present
<ul style="list-style-type: none">• Led end-to-end development and deployment of scalable, secure web applications.• Designed and implemented secure APIs with robust architecture and performance optimization.• Managed CI/CD pipelines, automated deployments, and ensured system reliability.• Led a development team, overseeing code quality, sprint planning, and timely delivery.• Applied web security best practices and facilitated cross-functional collaboration.	
Wise360 Pvt Limited (Associate Software Engineer), PK	01-2024 – 08-2024
<ul style="list-style-type: none">• Led end-to-end development and deployment of scalable, secure web applications.• Designed and implemented secure APIs with robust architecture and performance optimization.• Managed CI/CD pipelines, automated deployments, and ensured system reliability.• Led a development team, overseeing code quality, sprint planning, and timely delivery.• Applied web security best practices and facilitated cross-functional collaboration.	

DeventiaTech Pvt Limited (Associate Software Engineer), PK

01-2024 – 08-2024

- Delivered full-stack web applications using modern frameworks with responsive, scalable architectures.
- Developed and deployed Generative AI-powered features to enhance client solutions.
- Implemented CI/CD pipelines, automated testing, and cloud deployments for global projects.
- Enhanced system security through encryption, authentication, and vulnerability mitigation.

TECNO Mobile Pakistan (Intern — Supporting Role), PK

01-2020 – 08-2022

- Assisted in building a web-based IDS to detect and block malicious API activity across regions.
- Supported improvements in API integrity and reduction of fraudulent registrations via optimized workflows.
- Contributed to secure, scalable registration processes aligned with fair-win policies.

EDUCATION

Bachelor of Science in Software Engineering (BSE) — COMSATS University Islamabad, Abbottabad Campus

2022 - 2026

Intermediate (FSc.) — Shoukat Public School and College

2018 - 2020

Matriculation — Shoukat Public School and College

2016 - 2018

COMMUNICATION

- Winner of **VisioSpark 2024**, a multi-university competition for developing AI-powered applications.
- Active member of **Google Developer Student Clubs (GDSC)**, collaborating on community tech initiatives.
- Speaker at **Google DevFest**, delivering sessions on AI, web development, and emerging technologies.
- Presented at multiple **seminars and webinars** on software engineering, AI integration, and DevOps practices.
- Skilled in delivering clear, engaging, and technically accurate presentations to diverse audiences.

LEADERSHIP

- Led development teams at **Wise360 Solutions**, **Cybitronix Technologies** and **DeventiaTech**, overseeing code quality, sprint planning, and timely delivery.
- Guided cross-functional collaboration between developers, designers, and QA for efficient project execution.
- Mentored junior developers in full-stack development, AI integration, and DevOps best practices.
- Coordinated deployment strategies, security implementations, and system optimization initiatives.
- Represented project teams in client meetings, translating technical goals into actionable deliverables.

REFERENCES

Huzaifa Rajpoot (DeventiaTech)	Ahsan Shahzad (Wise360)	Wajahat Ghaffar (GDSC ATD)
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