MUSHARAF ULLAH

Senior Team Lead | Solution Engineer | AI & Full-Stack Architect

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PROFESSIONAL SUMMARY

Senior Team Lead and Solution Engineer with around 8 years of experience in Full-Stack Software Engineering across Python, Django, Laravel, React, Next.js, backend development, APIs, and system architecture. Currently working remotely on a Dell project, focused on AI Agent Development, LLM Integration, Agentic AI Systems, and Knowledge Graph Architecture and Design, while serving as structural engineer on a 22-module cybersecurity and resilience assessment platform. A hands-on leader who has led teams of up to 15 developers, delivered 70+ projects, and built strong client relationships through clear communication and timely execution. Experienced in cloud deployments (AWS, Azure, Firebase), CI/CD, and live server management. Seeking a leadership role where technical innovation and mentorship drive business impact.

PROFESSIONAL EXPERIENCE

Senior Team Lead & Solution Engineer (Remote) — 2024 – Present

Dell Project

- Develop **AI agents** and **agentic AI systems**, integrating **LLMs** into enterprise workflows for automated analysis, reporting, and decision support.
- Design and architect **knowledge graphs** that model assessments, controls, frameworks, and dependencies to power AI-driven insights.
- Serve as **structural engineer** on a cybersecurity and resilience assessment platform covering **22 assessment modules across 4 main categories**, defining module structure, classification, and data flow.
- Designed the **Recommended Roadmap** engine: execution sequencing of assessments by priority, dependency, and maturity (e.g., once ITCA is complete, BCDR is recommended next, followed by BIA and Cyber Resilience).
- Align assessment modules with industry frameworks including **NIST CSF 2.0**, Zero Trust, and DPIA, producing structured deliverables and strategic outcomes for each category.

Assessment Portfolio Architecture

Category	#	Assessments	Strategic Outcome
Core Cybersecurity	5	NIST CSF 2.0, Cybersecurity Maturity, Zero Trust, Vulnerability Assessment, Penetration Testing	Security baseline and control assurance
Resilience & Continuity	9	ITCA, BCDR, BIA, Cyber Resilience, Incident Response, Crisis Management, Continuity & Recovery Strategy, Plan Development, Testing / Exercises / Validation	Business survival, recovery readiness, operational resilience
Governance, Risk & Compliance	4	IT Risk, Third-Party Risk, Regulatory Compliance, Data Privacy / DPIA	Accountability, oversight, compliance evidence, risk-informed decisions
Emerging Technology	4	AI Risk, AI Security, GenAI Readiness, IoT / OT Security	Future readiness and controlled innovation
Total	**22**	**Complete assessment portfolio**	**End-to-end assessment coverage**

Senior Team Lead, Coordination & Solution Architect Engineer — 2021 – 2024

IKONIC Pvt Ltd

- Led a team of developers delivering full-stack web applications using **Laravel, Django, Python, React, Next.js, and Vue.js** with agile methodologies.
- Architected scalable backend systems and **RESTful APIs** using modern design patterns (Repository, Service layer, modular architecture).
- Coordinated across cross-functional teams and clients: gathered requirements, provided technical insights, and aligned solutions with business goals.
- Oversaw code reviews, task delegation, and sprint planning to ensure code quality, timely delivery, and team efficiency.
- Managed deployment pipelines, server environments (cPanel, WHM, VPS), and live rollouts on **AWS, Firebase, and Azure**.
- Drove adoption of best practices in Git version control, **CI/CD**, and team workflow optimization.
- Mentored junior developers and ran technical training sessions to uplift team capability and coding standards.
- Implemented SEO and web performance optimization to improve site visibility and loading speed.
- Provided cross-functional network and IT administration support for reliable development and production environments.

Software Developer **2018 – 2021**

Eden Spell Technologies

- Guided and supervised a team of 15 developers on front-end projects using Bootstrap, HTML5, and CSS3, ensuring high-quality, timely deliverables.
- Directed the UI/UX design process through Figma and web design, crafting user-centric interfaces.
- Developed back-end systems with PHP and Laravel, managing API development and implementing the Repository Pattern.
- Acted as IT Specialist / Administrator, keeping systems running, resolving technical issues, and strengthening system security.
- Built Python desktop applications and AI tools, demonstrating range across programming domains.
- Served as Project Manager: ran client meetings, captured requirements, and translated them into successful project outcomes.

TECHNICAL SKILLS

AI & Agentic Systems: AI Agent Development, LLM Integration, Agentic AI Systems, Multi-Agent Orchestration, Knowledge Graph Architecture & Design, RAG Pipelines, Prompt Engineering, AI-powered tools

Backend & Architecture: Python, Django, Laravel (PHP), RESTful APIs, Modular Monolith & Microservice Design, Repository & Service Patterns, API Authentication (JWT, Sanctum, Passport)

Frontend: React, Next.js, Vue.js, JavaScript, HTML5, CSS3, Bootstrap, jQuery, Responsive & Cross-browser UI

Databases: MySQL / SQL, PostgreSQL, MongoDB, Firebase (Realtime DB, Firestore, Auth), Graph Data Modelling

Cloud & DevOps: AWS (EC2, S3), Microsoft Azure, Firebase Hosting, VPS / WHM / cPanel, Git, GitHub / GitLab, CI/CD Pipelines, Live Deployments, Server & Domain Management

Leadership & Delivery: Team Leadership (up to 15 members), Agile / Scrum, Sprint Planning, Code Reviews, Mentoring, Client Requirement Gathering, Solution Architecture, Cross-team Coordination

Other: SEO & Web Performance (SEMrush, Ahrefs, Google Search Console), Python Desktop Apps, Scripting & Automation, Network & IT Administration, Security Troubleshooting

PROJECTS

Delivered 70+ projects. Full portfolio: Project List (Google Sheet)

EDUCATION

Bachelor of Computer Science / IT **2013 – 2018**

Preston University, Islamabad