Salman Humdullah

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Professional Summary

Results-driven System Architect and Technical Lead with over 14 years of experience in designing scalable software solutions, leading cross-functional teams, and delivering high-impact projects in Python, Django, and AI-driven applications. Proven expertise in managing distributed teams across multiple time zones and diverse cultural backgrounds, ensuring seamless collaboration and project success. Published author in blockchain and bioinformatics, with a Master's in Information Security (GPA: 3.89, Best Student Award). Fluent in English, Urdu, and Punjabi.

Key Competencies

System Architecture:	Designed scalable, secure systems using Python, Django, and cloud platforms (AWS).
Project Management:	Led end-to-end project lifecycles, from backlog prioritization to deployment, delivering projects on time and within budget.
Global Team Leadership:	Managed diverse, distributed teams across multiple time zones, fostering collaboration and aligning deliverables with strategic goals.
Technical Leadership:	Mentored 10+ developers, fostering collaboration and technical excellence.
Technologies:	Python, Django, JavaScript, Node.js, MySQL, MongoDB, AWS, Whisper AI.
Domains:	Web Apps, AI-driven applications, blockchain, multimedia processing, Quranic search systems.

Work Experience — Total Experience till April 2024 — 14 years 07 months

Role	Dates
Technical Lead | Bayyinah Institute (LLC), Remote • Streamlined project execution by prioritizing and managing backlogs in Jira, reducing sprint planning time by 20%. • Mentored a cross cultural and cross team of 6 developers, establishing coding standards and conducting bi-weekly code reviews, improving code quality by 25%. • Defined strategic project goals, aligning technical deliverables with organizational objectives, ensuring on-time delivery for 5+ major releases. • Conducted quarterly security audits, identifying and mitigating 15+ vulnerabilities, enhancing system integrity. • Resolved complex technical challenges, including API integration issues, reducing downtime by 40%.	Jan 2023 – Apr 2024 (8 Years 7 Months)
Sr. Software Engineer | Bayyinah Institute (LLC), Remote • Led front-end migration of Bayyinah.org to BrightCove, optimizing video streaming performance by 20% and supporting 100,000+ monthly users. • Automated repetitive workflows using Python scripts, reducing manual processing time by 50% across content management tasks. • Designed and implemented customer record reconciliation processes using InfusionSoft and AWS, eliminating 95% of data conflicts.	Sept 2015 – Dec 2022 (Then promoted see above)
Sr. Software Engineer | Arbisoft (PVT) Ltd • Contributed to ShareBite, ICMS, and Ensurify.com, designing RESTful APIs and optimizing database queries, improving system response time by 15%. • Collaborated with cross-functional teams to deliver client solutions, ensuring alignment with business requirements.	Dec 2014- Sept 2015 (10 Months)
Principal Software Engineer | Quality Consultants Technologies (QC-Tech) PVT LTD • Led development of Worksteps and Postback projects using Python/Django/MySQL, streamlining medical test result reporting for 500+ patients monthly. • Integrated third-party APIs (AWS, Twilio, MailGun) into the Secure project, enabling automated scheduling and reminders, reducing operational delays by 25%.	Nov 2013- May 2014 Total → 1 Year 8 months

Senior Software Engineer | Quality Consultants Technologies (QC-Tech) PVT LTD • Mentored 4 junior developers, establishing coding standards and improving team delivery timelines by 20%. • Designed and implemented medical software solutions, enhancing client satisfaction through robust system performance.	Oct 2012-Oct 2013 (Then promoted see above)
Software Engineer | Game View Studios (GVS) PVT LTD • Developed cross-platform JavaScript IDE (ngBuilder) and mobile games (TapFish, TapRanch) using Java, Node.js, and Django, achieving 100,000+ downloads. • Built vMart, an in-house e-commerce platform, using Python/Django, increasing internal process efficiency by 15%.	July 2010 – Sep 2012 (2 Years 3 months)
Software Engineer + Designer (3 months Contract) |TECHNOPSIS PVT LTD • As a consultant of UI/UX. I worked on technologies like Silverlight, **PHP**, **CSS**, **XHTML**, **AJAX**, **JavaScript** and **MySQL**, And tools like **Expression Studio** and **Photoshop**.	Feb 2010 – May 2010 (4 Months)
Software Engineer | KRAYSIS PVT LTD • As a part time software engineer, I developed and supervised projects in technologies like **PHP, CSS, XHTML, AJAX, JavaScript** and **MySQL**.	July 2009 – Feb 2010 (8 months)

Education

Master Of Science (Information Security) *UTM (UNIVERSITI TEKNOLOGI MALAYSIA), Johor Bahru, Malaysia* Awarded "Best Student Award" | GPA: 3.89 | 2019–2021	2019-2021
BS in computer Science *National University of Computer and Emerging Sciences (FAST), Lahore.* **Batch** 2005	2005-2009

Publications

S. Humdullah, S. Hajar Othman, M. Najib Razali and H. Kutty Mammi, **"*Secured Data Storage Framework for Land Registration using Blockchain Technology*,"** 2021 3rd International Cyber Resilience Conference (CRC), Langkawi Island, Malaysia, 2021, pp. 1-6	05 April 2021
Javed, Rabia; Farhan, Saima; Humdullah, Salman, *"A Hybrid Approach Based on Pattern Recognition and BioNLP for Investigating Drug-Drug Interaction,"* Current Bioinformatics, Volume 10, Number 3, 2015, pp. 315-322(8).	01 July 2015

Workshops & Certifications

Speaker/Trainer, Python Hands-On Workshop | Universiti Teknologi Malaysia (UTM) Delivered training to 30+ students, enhancing their Python skills.	05-Oct-2020

Interests

• Traveling, exploring new cultures, and learning new languages.
• Fluent in English, Urdu, Punjabi.