

Ahmad Bilal

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Work Experience

Solutions by STC – Riyadh, KSA August 2023 – Present
Software Developer, Application Integration and Development

- Advised business stakeholders on scalable technical solutions, aligning IT strategies with business objectives.
- Led client workshops & discussions to translate business challenges into actionable technology solutions.
- Optimized API integrations, reducing data processing time by 40% and improving system efficiency.
- Resolved 20+ critical software issues, ensuring seamless system operations and enhancing customer satisfaction.
- Delivered 10+ technical enhancements, driving process automation & operational efficiency.
- Redesigned software release cycles, reducing deployment time by 50% through DevOps best practices.
- Orchestrated documentation & knowledge-sharing initiatives, bridging communication gaps between teams.
- Enhanced collaboration processes, accelerating project delivery timelines by 30%.

Mohammed Bin Rashid Space Centre – Dubai, UAE January 2022 – January 2023
AI Engineer – Partnership

- Developed AI models for satellite image analysis using novel UAE imagery, supporting urban planning and infrastructure decisions.
- Applied AI-driven insights from the project to optimize strategic urban planning across the UAE.
- Bridged technical insights with business strategy, helping decision-makers leverage AI for real-world problem-solving.
- Expanded dataset coverage by 300% through data augmentation, improving AI model reliability.
- Automated data preprocessing pipelines, cutting data preparation time by 60% and accelerating AI model deployment.

Tantum Projects – Riyadh, KSA July 2021 – July 2022
Junior Software Developer

- Contributed to full-stack development to deliver a robust MVP, integrating frontend and backend systems.
- Advised stakeholders on scalable, cloud-ready solutions aligned with long-term business objectives.
- Led client workshops to translate business challenges into actionable, tech-driven deliverables.

Education

Harvard Business School November 2024 – January 2025
Data Science for Business

American University of Sharjah September 2018 – January 2023
Bachelor of Science in Computer Science

Technical Skills

- **Programming:** Python, R, SQL, Java, JavaScript, C#
- **Data Science & Analysis:** NLP, Computer Vision, Quantitative Analytics, SAS Enterprise Miner
- **Development:** Docker, Kubernetes, React, Django, KillBill
- **Cloud & DevOps:** AWS, Azure, Terraform, CI/CD (Jenkins)
- **Databases:** PostgreSQL, MySQL, MongoDB, Redis
- **Productivity & Consulting Tools:** Git, JIRA, Confluence, Microsoft Office, Google Workspace, Power BI, Tableau
- **Security:** OWASP, IAM, SSO, OAuth

Certifications

- **Certified SAFe 6 Agilist** – Scaled Agile, Inc.
- **AI Security & Governance** – Securiti
- **Professional Web Developer** – OutSystems
- **Web Developer Specialist** – OutSystems
- **Architecture Specialist** – OutSystems
- **Security Specialist** – OutSystems
- **Associate Reactive Developer** – OutSystems