Majed Samyal

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SUMMARY

Software engineer focused on distributed systems reliability and cross-functional delivery. At AWS Networking, I own orchestration services coordinating multiple upstream and downstream dependencies in the network provisioning pipeline supporting critical day-to-day provisioning and operations. I manage production health end-to-end, incident response, operational improvements, and compliance driven migrations across legacy and greenfield systems. Previously built API platforms in enterprise domains with emphasis on security (IAM/RBAC) and developer experience.

Core Competencies: Distributed Systems, Event Driven Architecture, Cross Functional Delivery, Legacy Migration, Operational Excellence, Technical Documentation (RFCs, Design Docs)

WORK EXPERIENCE

Software Development Engineer | Amazon Ireland | *Feb-2023 - present*

- Own orchestration services for data center operations. New platform for ID Tech (capacity provisioning) and legacy system for DCO (operational link troubleshooting)
- Operational ownership of legacy system with high SEV-2 incidents, reduced incident frequency by 40% through proactive detection and process improvements
- Leading org-level security initiative to migrate 35 dependencies from long term to short term credentials
- Designed detection system to identify stuck validations in long running Link Validation workflows
- Building emergency stop mechanism(Andon Cord) to exclude links from validations during operational incidents based on device filter
- Onboarded internal teams to a pilot enabling LLM agent communication with an external carrier for hardware troubleshooting coordination, reducing back-and-forth and speeding resolution by 10%

Technical Lead | Chubb | *Feb 2022 - Sept 2022*
- Led a small backend team to deliver a partner facing API marketplace and developer portal, enabling external consumers to discover, onboard, and integrate with APIs.
- Owned requirements and delivery planning for a greenfield platform
- Established the initial backend foundation using Clean Architecture

Senior Software Engineer | EPAM Systems | *July 2019 - Feb 2022*

- Built REST APIs on Azure Functions (FAAS)
- Designed server side architecture with .NET Core, enabling faster feature delivery
- Designed and implemented B2B API security and IAM authentication/authorization (RBAC/scopes as applicable) for partner integration.

Senior Software Engineer | Wolters Kluwer | *April 2016 - July 2019*

- Worked on Australian Tax & Accounting product with complex business rules
- Practiced TDD to handle domain complexity and reduce regression risk
- Mentored new engineers to ramp up in domain and technology stack
- Applied SOLID principles and design patterns to simplify codebase

Earlier Experience (2010 - 2016**)**

- Software Engineer roles at IT service companies including smartData Enterprise and Graycell Technologies. Built payment/billing systems, led small teams, worked directly with clients, and delivered enterprise software in the healthcare domain.

EDUCATION

Bachelor of Computer Application | IGNOU | *2012*