Aditya Sharma *Senior SDE 1*

✉ aditya.sharma.11072001@gmail.com   📞 9389263175   📍 Chandigarh, India   🔗 LinkedIn

PROFILE

Versatile **.NET and Angular Developer** at Intellewings, building scalable, client-facing AML solutions. Skilled in developing dynamic UI components, RESTful APIs, and ETL pipelines using **.NET Core**, **C#**, **Angular**, and **MySQL**. Experienced in delivering secure, configurable systems with modern practices like **Docker**, **Kubernetes**, and metadata-driven architecture.

PROFESSIONAL EXPERIENCE

Intellewings ∅

Senior Software Development Engineer 1   2023/06 – present | Chandigarh, India

AzamPay – Tanzanian Wallet AML Software ∅

Tech Stack: .NET, C#, Angular, Spring Boot, Java, MySQL, Python

- Built a metadata-driven multi-tenant config system using .NET Attributes, Reflection, and MySQL, reducing code duplication across clients and cutting dev time by 45% via a unified, dynamic backend.
- Implemented dynamic UI rendering in Angular based on backend-supplied config, enabling reusable components (tables, exports, info cards) across clients without code changes or rebuilds.
- Designed and implemented high-throughput ETL pipelines with cursor-based streaming and chunked updates; enabled schema-validated ingestion and transformation, achieving a 20x boost in processing throughput.
- Engineered a custom Rule Engine in Spring Boot using complex SQL (CTEs, Window Functions, Temp Tables) and JPA, enabling advanced AML detection; reduced analysis time by 55%.

Star Health – Insurance AML Software ∅

Tech Stack: .NET, C#, Angular, MySQL, Python, Docker, K8s, Elasticsearch

- Orchestrated the deployment of Dockerfiles and Kubernetes manifests, automating application containerization across 5+ on-premise client environments, improving deployment time by 40%.
- Resolved 25+ VAPT-reported security issues to ensure system compliance.
- Replaced legacy MySQL-based search with Elasticsearch, enabling sub-second, scalable querying and vastly improving reliability, accuracy, and user experience of AML search operations.
- Built a middleware in .NET to encrypt POST request payloads for secure client-server communication.

FINNET2 – AML Reporting Format ∅

Tech Stack: .NET, C#, Angular, MySQL

- Architected a metadata-driven, modular UI system using backend configuration, Reflections, and Attributes; enabled dynamic rendering and validations, reducing dev and change cycles by ~35%, especially for fast-evolving FINNET2 formats.
- Enabled generation of high-volume reports like CTR and NTR using efficient data streaming techniques.

Software Development Engineer Intern   2022/09 – 2023/05 | Chandigarh, India

Application Modernization Project

Tech Stack: .NET, C#, MySQL, Angular, Typescript, Material UI

- Migrated UI from Nebular to Material UI and refactored core components, boosting Core Web Vitals by 25% and enhancing maintainability, consistency, and long-term performance across views.
- Developed and integrated a new UI module and backend pipeline to interface with a Sanction Screening API, consolidating features from a parallel project and enhancing AML verification capabilities within the main product suite.

SKILLS

.NET / C# — Entity Framework, LINQ, Attributes, Reflections, CRUD APIs, **SQL** — CTEs, Window Functions, Aggregations, **Java / Kotlin** — Streams, JPA, Spring Boot, **Others** — Docker, K8s, Git, Jira

EDUCATION

GLA University, *Bachelor of Technology in Computer Science & Engineering*   2019 – 2023 | Mathura, India