

CAREER OBJECTIVE

I am Experienced Java Full Stack Developer with 3.5+ years of hands-on expertise in building scalable web applications using Java, Spring Boot, and React.js. Strong ability to quickly understand business requirements and translate them into high-quality, user-centric solutions. Proven experience in end-to-end development, from backend logic to frontend interfaces. Passionate about learning new technologies and delivering clean, efficient code in collaborative environments

Summary of Work Experience

Working as Senior Software Engineer at Exafluence Global Technology P.L from 15-Feb-2022 to till

PROFESIONAL EXPERIENCE

Project Description

ExfM2M – MongoDB Migration Project | Exafluence

Bangalore, India | June 2024 – Present

- ExfM2M is Exafluence's high-performance data migration accelerator designed to migrate data from SQL or NoSQL sources (like Couchbase) into MongoDB Atlas. It's built on Apache Spark and designed for scalable, fault-tolerant, and validated migrations with minimal downtime.
- Designed and executed scalable data migration pipelines using ExfM2M and Apache Spark to move data from Couchbase and SQL databases into MongoDB Atlas with minimal downtime.
- Developed transformation logic and validation workflows API is done using the spring boot (Java) API's, with dashboards for monitoring exceptions and data integrity in UI by using the ReactJs .
- Tuned Spark performance, handled retries/fault tolerance, and coordinated end-to-end deployment across Dev, Pre-Prod, and Production cycles.
- Authored documentation, led stakeholder communication, and ensured a seamless migration rollout.

ExfFHIR (FHIR Interoperability Platform) – Exafluence (Healthcare Domain)

Bangalore, India | March2023–May2024

- Contributed to ExfFHIR, Exafluence's robust, ONC-compliant FHIR platform built on MongoDB. The solution enables healthcare interoperability—including multi-source data ingestion, mapping to FHIR resources, patient-facing web interface, and real-time data exchange across systems
- Developed FHIR ingestion pipelines using Spark and Kafka; designed GUI for mapping non-FHIR data into FHIR resources.
- Engineered RESTful FHIR APIs and integrated with MongoDB for scalable, standards-based health data exchange.
- Contributed to patient portal development and security implementation (authentication, authorization, encryption).
- Documented workflows, APIs, and deployment processes; participated in cross-functional sprint reviews and client demos.

Onymos(DeepLink Integration Android component, Exafluence

Bangalore, India | Feb 2022 – Nov 2022

The DeepLink component in Onymos is a full-stack feature that enables URLs to route users directly into specific content inside mobile applications, even across installs and platform boundaries. It abstracts and handles the complexities of deep linking so product teams don't have to build or maintain bespoke routing infrastructure

- Integrated and customized the **Onymos DeepLink component** to enable persistent, branded, and fallback-capable deep links across mobile platforms (React Native / hybrid stacks(Firebase,Cardova)).
- Implemented reliable deep link resolution logic for cold-start, backgrounded, and post-install scenarios, ensuring seamless user navigation to targeted content.
- Mapped external URL schemas and universal/app links to internal screen routes and parameters, maintaining consistency across iOS and Android environments.
- Handled platform-specific deep linking quirks (e.g., Android link chooser behavior and iOS universal link validation), improving perceived app responsiveness and reducing navigation failure rates.

Collaborated with frontend, backend, and product teams to design fallback flows, authentication gating, and deferred content loading for edge-case link entry points..

TECHNICAL SKILLS

- **Tools & Technologies:** Java, Spring, Spring Boot, microservices, python, React.js, MongoDB, MySQL, SQL, Git, Docker, Kubernetes, AWS, Azure, FastAPI, Flask. Experienced in developing and deploying full-stack applications, integrating RESTful APIs, and designing efficient database schemas for both relational and NoSQL systems.

EDUCATION

Master of Computer Applications	2017-2020
JNTU University, Anantapur, India	CGPA: 8.0

CERTIFICATES

- https://certificates.simplicdn.net/share/thumb_6719105_1718098742.png
- <https://ti-user-certificates.s3.amazonaws.com/ae62dcd7-abdc-4e90-a570-83eccba49043/ef4a602d-1759-5b7e-be12-812543d831d4-margasai-karthik-2bec9e15-47bd-4b08-bbb9-cb83c6d76a89-certificate.pdf>