

# MOHAMMAD SADDAM

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## Experience

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### Openloop - healthie Integration — Form data sync

2025 – Present

*SolutionForWeb*

*Delhi NCR (Onsite)*

- Designed and implemented production webhook handlers for OpenLoop → Healthie integration with fast ACK and async processing.
- Integrated Healthie GraphQL API to fetch form answer groups and normalize structured patient intake data.
- Built data transformation and mapping layer converting Healthie responses into HubSpot contact payloads.
- Implemented validation, deduplication, and idempotency-aware processing to prevent duplicate CRM updates.
- Added retry logic, throttling, structured logging, and failure handling for reliable event-driven workflows.
- Upserted HubSpot contacts using email-based identity and stored external references for lifecycle tracking.

### NikoHealth to HubSpot Integration — Patient Sync Automation [GitHub]

- Built webhook-based integration with async processing, validation, deduplication, and error recovery.
- Designed fallback polling pipeline to recover missed webhook events and prevent data loss.
- Automated patient lifecycle: create/update patient, store external IDs, update sync flags, retry failures.
- Added retry wrapper, structured logging, and conditional sync logic based on boolean properties.

### HubSpot → Filevine Integration — Intake Lifecycle Automation [GitHub]

2025

- Designed automated sync: HubSpot contacts → Filevine contacts → projects → intake.
- Stored Filevine personId and projectId back in HubSpot for bidirectional reference.
- Mapped HubSpot deal metadata into Filevine intake payloads.
- Added logging, conditional data flow, and ID-driven updates for scalable sync operations.

### Znode Cart Sync — HubSpot Deal & Line Item Automation [GitHub]

2025

- Built scheduler-based abandoned cart sync pipeline using Node.js.
- Implemented delta sync using checkpoint dates for efficient historical imports.
- Automated contact, deal, line item creation and CRM object associations.
- Added deduplication using sourceId matching to prevent duplicate deals.

### Aspire CRM → HubSpot — Scheduled Data Sync

2025

- Built cron-based integration syncing contacts, opportunities, and property records.
- Implemented object associations and incremental sync logic.
- Added Winston logging, retries, and failure monitoring.

### @mohammadsaddam-dev/hubspot-toolkit — HubSpot CRM Integration Library [GitHub] [Live] Open Source

- Built a lightweight ES Modules-based Node.js toolkit for interacting with HubSpot CRM APIs.
- Implemented CRUD, search, and upsert helpers for contacts, companies, and deals.
- Added association helpers including HubSpot v4 batch associations for reliable object linking.
- Designed pagination utilities to fetch complete datasets across HubSpot API limits.
- Supported Private App Tokens and OAuth access tokens with clean client initialization.
- Abstracted HTTP handling into a reusable HubSpot client with consistent error handling.
- Published and maintained the package on npm with clean module structure and versioning.

## Technical Skills

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- **Languages:** JavaScript, TypeScript, SQL, MySQL, C/C++
- **Integration & Backend:** Node.js, Express.js, REST APIs, Webhooks, Cron Jobs, GraphQL
- **CRM Platforms:** HubSpot, Filevine, NikoHealth, SimpleCirc, Znode, Aspire, openloop, Healthie, Intermedia, Gong, Business Central, openphone
- **Data:** JSON, CSV, XML (working knowledge)
- **Databases:** MongoDB, PostgreSQL, Redis
- **Tools:** Git, GitHub, Postman, Winston Logger, CI/CD (GitHub Actions), n8n, Workato
- **Practices:** Data Mapping, Deduplication, Retry Logic, System Design

## Education

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### Lok Nayak Jai Prakash Institute of Technology

2021 – 2025

*B.Tech in Computer Science*

*India*

## Certifications

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- Solved 450+ problems on LeetCode (DSA, debugging, performance optimization, Multitasking).
- NPTEL: Database Management Systems; Developing Soft Skills & Personality (IIT Kharagpur).