

Joseph Burton
Aspired Engineer and Developer
underradicals@gmail.com
Hubbard, TX (903)-519-9940

OBJECTIVE

Detail-oriented and driven Engineer and Developer with a strong foundation in Information Technology/Computer Science. My experience ranges across logistics and software industry with a focus on implementation, database, and warehousing. I am currently pursuing a Master of Science in Information Technology with a 3.9 GPA. Seeking to leverage technical skills, leadership experience, and analytical abilities in a challenging role within a dynamic corporate environment.

EDUCATION

Master of Science in Information Technology
University of Arkansas Grantham

Expected: August 2025

Bachelor of Science in Computer Science
University of Arkansas Grantham

Commencement: November 2023

EXPERIENCE

R&N Transportation

October 2023 - Present

Lead Software Engineer and Developer

- Lead and participated in implementation and ongoing expansion of database warehouse.
- Trained and reviewed the work of team members, supporting their development and ensuring accuracy.
- Managed multiple engagements while maintaining full-time graduate coursework and working up to 60 hours per week.
- Designed relational schema for warehouse inventory with optimized queries for reporting dashboard.
- Integrated Stripe and SendGrid to enable payment + notification flows in a React platform.
- Implemented OAuth2.1 Authorization Server with PKCE and JWT support for SPA clients using .NET Core and Docker.
- Built responsive SPA using React and SCSS with dynamic form validation and live API feedback.
- Resolved critical race conditions in background task processor, reducing support tickets by 30%.

Destiny 2 ELT

May 2019 – October 2023

Solutions Architect

August 2023- October 2023

- **Implemented daily ETL** pipelines for aggregating metrics with Redis caching and PostgreSQL rollups.
- **Established scheduled data extraction** from Bungie's Destiny 2 API using API key authentication and rate-limiting headers.
- **Built robust extraction service** with exponential backoff and logging for failed API calls.

- **Stored raw JSON responses in Redis** for auditability and reprocessing, reducing latency and improving code complexity.
- **Employed staging tables** to isolate raw vs processed data, enabling rollback and schema evolution.
- **Implemented SQL-based transformation pipelines.**
- Stored and rotated **API keys** securely.
- **Enabled partitioning and indexing** on large fact tables.

Engineer and Developer Intern

May 2019 – August 2023

- **Writing and testing code** to implement new features and fix bugs.
- **Assisted project management team** with scheduling meetings and tracking progress.
- **Collaborated with team members** to complete projects and contribute to the overall development process.

ACADEMICS

- Programming Languages, Advanced Programming, Statistics, Calculus, Database Development and Query Design, Technical Writing, and Interpersonal Communication
- Project management, Information Systems and Information management, Network Systems Design, and Project Management Integration Framework