

Joseph Burton  
Aspired Engineer and Developer  
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\_\_\_\_\_, 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. 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 2019- 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 2019

- **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