

# Henry Arlt

763-354-4331 | [arlthenry54@gmail.com](mailto:arlthenry54@gmail.com) | [linkedin.com/in/henry-arlt](https://www.linkedin.com/in/henry-arlt) | [henryarlt.tech](https://henryarlt.tech)

## SKILLS

---

- Languages: JavaScript, TypeScript, Python, Swift, PHP, COBOL, HTML, CSS
- Frameworks & Libraries: React.js, React Native, Express.js, Node.js, IBM Carbon, Sass
- Tools & Platforms: MongoDB, Docker, Git, Postman, Jira, Supabase, Figma, Linux Bash
- Specialties: Full Stack Development, Mobile Development, REST APIs, Agile, TDD, CI/CD

## WORK EXPERIENCE

---

### IBM: Full Stack Developer Intern

May 2023 – Aug 2023

- Integrated **REST API** endpoints into the IBM SalesCloud API to include filter usage metrics for prospecting list creation using **Node.js** and **MongoDB**.
- Ensured seamless integration with existing codebase through unit testing with **Jest**.
- Designed and Developed dashboard to visualize prospecting metrics and usage for IBM sellers using **React.js** and **IBM Carbon** design principles.
- Participated in **Agile** methodologies including daily standups and story point estimation and sprint planning using **Jira**.
- Introduced foundational groundwork for future automation of prospecting lists using machine learning.

### TableTrac: Web Developer

Jul 2024 – Current

- Implemented **COBOL**-based web services to track real-time activities between casinos, machines, and players.
- Integrated **PHP** scripts to convert **XML** data, returned by **COBOL** web services, into **JSON** format, enabling seamless integration with the front end.
- Developed an Android-based mobile application built with **React Native**. Deployed on hand-held barcode scanning devices. Tracks drop boxes from slot machines, simplifying workflows for drop box teams and increasing efficiency by **80%**.
- Maintained frontend interfaces using **React.js**, ensuring functionality and improving user experience.
- Collaborated between frontend and backend teams to define requirements and pain points, increasing development efficiency.

## PROJECTS

---

### gitGains: Gym workout tracking mobile application.

- Conceptualized and developed a full stack mobile application where users can create accounts, create workout packages, add exercises to each package, and track progress through an interactive analytics page.
- Engineered a **REST API** using **Node.js**, **Express.js**, and **MongoDB** with **Mongoose**, to efficiently handle thousands of data entries.
- Designed a user interface model using **Figma** and built a responsive cross platform application interface using **React Native**.

### Application Tracker: Job application tracking web application.

- Built a full stack web application where users can track job application statuses.
- Constructed a responsive multi-page user interface frontend using **React.js** and **Sass**.
- Architected **REST API** using **Node.js**, **Express.js**, and **MongoDB** to efficiently handle data entries.
- Ensured user data privacy by **encrypting** user passwords in the **MongoDB** collection.

## EDUCATION

---

### University of St. Thomas || St. Paul, MN

2020-2024

#### Bachelor of Science in Computer Science

**Relevant Coursework:** Artificial Intelligence, Database Design I, Algorithms, Data Structures, Information Security, Computer Architectures, Web Development, Creative Coding, Digital Design, Circuit Analysis, Microprocessor Architectures, Engineering Design