

# CJ Boake

[cjboake.com](http://cjboake.com) & [github.com/cjboake](https://github.com/cjboake)

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## Technologies

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C	Java	Javascript	Spring	x86 Assembly	SQL	CI/CD
REST	Unix	L <sup>A</sup> T <sub>E</sub> X	Git	Apache Tomcat	TeamCity	Jenkins

## Work

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SOFTWARE ENGINEER I, EXPRESS SCRIPTS INT.      APRIL 2017–JUNE 2018

EDI & TRANSACTION PROCESSING

- Saved over \$10k/year in developer resources with automated Spring Boot error monitor that eliminated the need for corrective action from developers.
- Built a client and business-facing Portal extension using Java Servlets/JSP allowing internal and external users to update data and statuses.
- Performed server updates and manual releases of new code on both Microsoft and Linux environments.
- Implemented application-wide security patches for Cross-Site Scripting, SQL injection, forced browsing, and other attacks.
- Legacy environments ran Resin & Apache servers, servlets, Spring Boot, Spring MVC, JQuery and Handlebars Javascript frameworks, and HTML/CSS frontends on JSP's.

NEW INTERNAL PORTAL

- Wrote persistence layer micro-services to serve data to React.js frontend from SQL Server and MySQL databases, and to coordinate with a Stratus mainframe. Persistence was implemented using Spring JPA.
- All development took place using Agile practices on a schedule of two-week sprints.

SOFTWARE DEVELOPER, NETDIRECTOR LLC      OCTOBER 2018–JULY 2019

DOCUMENT TRANSFORMATION & GUI INTERFACE

- Maintained Java application that performed document transformation on varying XML mappings into standard forms so that clients could process documents regardless of the sender's formatting.
- Wrote XML/JSON conversion web service connector to allow clients to flexibly communicate regardless of data type.

- Began design and rewrite of Adobe Flash GUI interface into an Angular.js front end communicating with Spring Boot web services.
- Implemented monthly reporting jobs using Java JMS to organization transaction data into Excel spreadsheets in order to alleviate analysts of manual data collection tasks.
- Wrote Python scripting tools for business analysts to reformat spreadsheets and organize relevant data on the fly, during client communications.

## Projects

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C Compiler, CJCC

- C compiler for the x86\_64 architecture written without the use of any pre-made Lexer/Parser Generator tools or libraries. (Under development)

## Education

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UNIVERSITY OF TAMPA

2011–2016

B.A. Writing, Poetry Focus