



## JESSICA MARKS

### **PROFESSIONAL SUMMARY**

Jessica Marks is a dedicated and results-oriented software developer with a solid foundation in full-stack web development. Committed to lifelong learning, she has recently completed a comprehensive Software Engineering Immersive Flex Bootcamp with General Assembly, enhancing skills in web development and staying current with industry best practices. Through prior experience as a math teacher, she has proven her ability to be adaptable and to tailor solutions to meet organizational goals. She is eager to apply her technical expertise and contribute to innovative projects.

### **TECHNICAL SKILLS**

**Programming:** Java, JavaScript, Angular, TypeScript, HTML5, CSS3, SQL, Spring, Spring Boot, JDBC, Jackson, JPA, jQuery, Node, webpack, Babel, Maven, npm, React, NextJS, Express  
**Software:** Eclipse, VS Code, Git, GitHub, cmdr, pgAdmin  
**Databases:** PostgreSQL, MongoDB  
**Operating Systems:** Windows, MacOS

### **PROFESSIONAL EXPERIENCE**

**COOK SYSTEMS – Memphis, TN**  
***FastTrack Developer***

**11/23 – Present**

#### *Twitter Clone API*

- Developed a RESTful Web Service with 30 HTTP endpoints to perform CRUD operations on users, tweets and hashtags in collaboration with teammates.
- Created PostgreSQL database to match the ERD requirements in the project description.
- Implemented onion architecture using SpringBoot to create controllers and services to handle backend logic and HTTP requests and JPA to transfer data between the API and the PostgreSQL database.
- Tested API with over 300 test cases through Postman.

*Environment: Java, SpringBoot, JPA, PostgreSQL, Postman, Git, Eclipse, Maven*

#### *Assessment #2*

- A
- B
- C
- D

*Environment:*

### *Assessment #3*

- A
- B
- C
- D

### *Environment:*

### **Fort Wayne Community Schools – Fort Wayne, IN**

**07/20 – 05/23**

#### *High School Math Teacher*

- Engaged students in a remote learning environment over Zoom using technologies such as Desmos and Geogebra.
- Met state, district and school goals by writing and conducting 15 standards-based lessons per week.
- Ensured students are meeting individual learning targets by making data-driven adjustments to differentiate lessons.
- Exceeded rigorous evaluation standards by pursuing continuous self-improvement through professional development opportunities and completing self assessments.

#### *Substitute Teacher*

**08/19 – 07/20**

- Created an uninterrupted learning experience for students in the absence of regular teachers by following given instructions and substitute plans.
- Contributed to a positive and productive educational environment by managing classroom behaviors per the school's rules.

### **Sodexo – Fort Wayne, IN**

**05/19 – 07/20**

#### *Administrative Assistant*

- Guaranteed availability of up-to-date records for reports by performing data entry tasks for employee performance evaluations and school building information.
- Sourced new talent for the company by conducting phone screenings and assisting in interviews for prospective job candidates.
- Confirmed that all employee pay stubs were sent to the correct school buildings through printing and organizing payroll records.

#### *Environmental Services Technician*

**04/18 - 05/19**

- Improved the sanitary and safety conditions of restrooms and classrooms by utilizing effective cleaning techniques and products.
- Successfully moved large furniture out of the way to resurface classroom floors through teamwork and collaboration.
- Established a welcoming environment for school special events by assisting in the setup and cleanup.

## **PERSONAL PROJECTS**

#### *Hyrule Archives*

- Developed RESTful API web service with 48 HTTP endpoints serving data about equipment, materials, monsters, creatures and shrines from the game Legend of Zelda: Tears of the Kingdom.

- Created database schemas in MongoDB and hosted image uploads on AWS S3.
- Designed polished and interactive front-end using NextJS and CSS modules.
- Deployed backend server on Heroku and frontend on Vercel.

*Environment: JavaScript, npm, Express, NextJS, MongoDB, CSS3, Heroku, Vercel*

## **EDUCATION**

<b>Cook Systems FastTrack Java Program – Memphis, TN</b>	<b>11/23 – Present</b>
<i>Concentrated Java Frameworks and developer tools training</i>	

<b>General Assembly - Software Engineering Immersive Flex - Remote</b>	<b>12/22 – 06/23</b>
<i>Bootcamp for web development</i>	

<b>Purdue University – Fort Wayne, IN</b>	<b>08/13 – 05/17</b>
<i>Bachelor of Science: Mathematics</i>	