



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 graduated from the Cook Systems FastTrack program as well as a prior bootcamp through 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 – 1/24

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

Who's Who

- Developed song guessing game frontend application using Angular and Typescript in a team of two.
- Implemented game logic to determine if a user's text inputs match the title or artists, created scoring system that awards more points for fast responses.
- Styled the game using CSS, creating a sleek UI including animations on the loading screen and score breakdown component.

- Accessed playlist data through Spotify's API and used the Howlerjs npm package for playback functionality.

Environment: Angular, Typescript, JavaScript, HTML, CSS, Git

Company Team Management Application

- Developed full-stack application in a team of six with a time frame of one week, featuring a backend built with Java and Spring Boot and a frontend built with Angular, Typescript, HTML and CSS.
- Delivered a versatile application featuring admin and worker workflows, allowing administrators exclusive access to perform essential backend operations for creating, updating or deleting announcements, teams, users or projects.
- Collaborated with the backend team to develop the endpoints needed, ensuring that project MVP goals are met.
- Styled pages to match closely to the specifications of the project's wireframe providing a seamless user experience.

Environment: Java, SpringBoot, JPA, PostgreSQL, Maven, Angular, Typescript, HTML, CSS, Git, Github

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.
- Encouraged 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.

- 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

Cook Systems FastTrack Java Program – Memphis, TN <i>Concentrated Java Frameworks and developer tools training</i>	11/23 – 1/24
General Assembly - Software Engineering Immersive Flex - Remote <i>Bootcamp for web development</i>	12/22 – 06/23
Purdue University – Fort Wayne, IN <i>Bachelor of Science: Mathematics</i>	08/13 – 05/17