Joseph Fernicola

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**PROFESSIONAL SUMMARY**

Joseph Fernicola is a skilled and driven software engineer who is a graduate of the FastTrack Java Developer program, currently pursuing a bachelor’s degree in computer science and has a background providing physical therapy services for a wide range of patients. He is experienced in developing, debugging, and maintaining applications in Java and JavaScript. Joseph is always looking to improve the quality of his well-documented and maintainable code to enhance efficiency and collaboration with other developers. He is eager to support the development team with high-quality problem solving abilities and programming skills to assist with continued growth and expansion.

**TECHNICAL SKILLS**

**Programming:** Java, JavaScript, SQL, Spring, Spring Boot, Node.js, Express, React, Redux, JDBC, Jackson, JPA, Webpack, Babel, Maven, NPM, HTML5, CSS3  
**Software:** Eclipse, VS Code, pgAdmin, MySQL Workbench, Git, GitHub  
**Databases**: PostgreSQL, MySQL, MongoDB, Firebase  
**Operating Systems:** MacOS

**PROFESSIONAL EXPERIENCE**

**Cook Systems – Memphis, TN** 02/23 - Present

FastTrack Developer

*Twitter API Spring Assessment*

▪ Implemented a RESTful Web Service for a social media application with 30 various endpoints for performing CRUD operations and other HTTP requests for users, tweets, and hashtags

▪ Created a database schema using PostgreSQL in pgAdmin in collaboration with other developers

▪ Utilized Spring Boot and JPA to build controllers and service implementations that handle HTTP requests, backend validation and logic, and converts data between the API and its database models

▪ Fulfilled project requirements by using Postman to test, troubleshoot, and debug API functionality

*Environment: Java, Spring Boot, JPA, PostgreSQL, pgAdmin, Postman, Git, Eclipse, Maven*

**Select Rehabilitation – San Diego, CA** 06/21 – Present Physical Therapist

▪ Facilitated patient rehabilitation through evaluations and treatments of geriatric patients in a skilled nursing facility with various neuromuscular, cardiovascular, and musculoskeletal conditions, as well as coordinated post-surgical recoveries

▪ Determined safe and accurate discharge timelines for patients by collaborating with medical team for planning patient discharges from the skilled nursing facility

▪ Maximized patient safety upon return to their home by performing home evaluations and home management training prior to their discharge

▪ Improved patient quality of life across the three settings of inpatient, home health, and outpatient by adapting to a wide variety of patient populations and needs

**Sharp HealthCare – San Diego, CA**  04/22 – 11/22

Physical Therapist

▪ Accelerated patient recovery through evaluations and treatments of outpatient orthopedic patients with various musculoskeletal and neuromuscular conditions and coordinated post-surgical recoveries

▪ Ensured patients remained highly functional with low pain levels after discharge by establishing and communicating to patients an individualized home exercise program consisting of exercises and stretches

▪ Maintained positive patient outcomes by assisting 12 patients per day with returning to their prior level of functional abilities through an individualized plan of care centered around their activities of daily living

**EDUCATION**

**Cook Systems FastTrack Java Program – Memphis, TN** 02/23 – 03/23

*Concentrated Java Frameworks and developer tools training*

**Western Governors University - Salt Lake City, UT** 08/22 – Present

*Bachelor of Science, Computer Science*

**Franklin Pierce University - Manchester, NH** 08/18 – 02/21

*Doctor of Physical Therapy*

**San Diego State University – San Diego, CA** 08/14 – 06/18

*Bachelor of Science, Kinesiology*