

**NATALIA SHNUR**  
**SOFTWARE DEVELOPER**

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**PROFILE**

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As a software developer, I bring a versatile skill set cultivated from a background in Sales, Hospitality, and CRM. My proactive approach, attention to detail, and adaptability make me an invaluable asset to any project. I hold a master's and a bachelor's degree in Business Administration and I am an alumna of both the esteemed Nashville Software School and FastTrack Java Developer program. The pandemic served as a catalyst for me to pursue my passion for technology and make a meaningful career change. I am eager to apply my analytical and problem-solving skills to develop innovative solutions that meet the needs of users. I am excited to continue learning and growing in this dynamic field, and to use my skills to make a positive impact on the world.

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**TECHNICAL SKILLS**

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**Programming:** Java, JavaScript, Angular, TypeScript, HTML5, CSS3, Bootstrap, SQL, Spring, Spring Boot, JDBC, Jackson, JPA, jQuery, Node, webpack, Babel, Maven, Gradle, npm,  
**Software:** Eclipse, IntelliJ Idea, VS Code, AWS, Git, GitHub, cmdr, pgAdmin  
**Databases:** PostgreSQL, DynamoDB  
**Operating Systems:** Windows, Linux

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**PROJECT SECTION**

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**Twitter Replica API** – [View in GitHub](#)

- Developed a RESTful API using Spring Boot, JPA, and PostgreSQL, mirroring the conceptual model of Twitter for social media data operations
- Implemented API endpoints from scratch based on given specifications to handle user interactions and data retrieval
- Created and optimized a database schema to support the API's data model, enhancing data management and retrieval
- Designed and programmed Spring services and controllers to handle HTTP requests, validation, business logic, and data transformation between API and database models
- Implemented API endpoints for comprehensive social media platform functionality: user validation, following/unfollowing users, user feeds, tweet interactions, mentions, tag management

**Tech Stack:** *Java, SpringBoot, JPA, PostgreSQL, PGAdmin, Postman, Git, IntelliJ, Maven*

**Spotify Who is Who API** - [View in GitHub](#)

- Designed Angular components for the gameplay interface and implemented game logic for user interaction
- Utilized local storage to retain user-selected configurations across multiple sessions
- Created an engaging interface displaying songs, artist options and interactive elements for song playback and artist selection
- Integrated Howler.js library to ensure smooth and efficient audio playback, augmenting the game experience
- Employed Bootstrap to craft an intuitive, visually appealing user interface, enhancing user engagement
- Ensured responsiveness across diverse devices, optimizing the user experience on various screen sizes

**Tech Stack:** *Angular, Bootstrap, Spotify's API, TypeScript, howler.js, Git, Node.js, npm*

**Full Stack FT Onboarding Application** - [View in GitHub](#)

- Engineered a robust API leveraging Spring Boot, JPA, and PostgreSQL to craft a streamlined FastTrack Onboarding Solution, fostering efficient integration and user-friendly experiences

- Designed and implemented Spring services and controllers, managing HTTP requests, conducting validation, and orchestrating complex business logic, ensuring a seamless synergy between the API and database models
- Created endpoints for username validation during registration and existing username checks in the database
- Enabled smooth addition of teams to companies via 'POST' requests, validating critical information such as username, password, team name, and description, ensuring a seamless process
- Implemented secure deletion of companies using 'DELETE' requests, prioritizing authorization credential validation to maintain data integrity
- Facilitated streamlined retrieval of user lists, enhancing data accessibility and management
- Enabled dynamic team additions to companies based on 'companyId' and 'TeamDto', implementing robust validations and exception handling for a smoother operational flow

**Tech Stack:** *Angular, TypeScript, Java, SpringBoot*

**Personal Project – “TruckBizBook”** | [GitHub](#) | [Project Walkthrough "TruckBizBook" - YouTube](#)

- Developed a full stack web-application to address the challenges faced by truck owner-operators in tracking their expenses and income effectively
- Simplifies financial management for truck owner-operators, enabling them to gain better control over their finances
- Enhanced financial stability for truck owner-operators by enabling them to effectively track their financial transactions and make more informed financial decisions

**Tech Stack:** HTML5, CSS3, Java, AWS services (DynamoDB, S3, CloudFront, Lambda, CloudFormation)

## WORK EXPERIENCE

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**Oxiana LLC (Part-Time)**

***IT Support Specialist & Software Developer***

**Nashville, TN**

***Oct 2022 – present***

- Delivered an efficient internal application that significantly improved financial management for truck-owner operators, streamlining processes and enhancing productivity
- Ensured a smooth and functional work environment by setting up equipment for employee use, reducing technical issues and improving overall workflow efficiency
- Developed the company's website and conducted routine website content audits, implementing updates and improvements based on user feedback

**Nashville Software School**

***Software Developer Apprentice***

**Nashville, TN**

***Oct 2022 – Jun 2023***

- Daily hands-on application of computer science concepts, including algorithms, data structures, and object-oriented programming with Java via group and individual projects
- Created and modified backend server-side software in Java modeling real world problems
- Regular use of Git & GitHub for source code/version control, creating and reviewing pull requests, resolving merge conflicts, using project boards and issue tracking
- Direct experience building and debugging software applications using AWS services like CloudFormation, CloudWatch, DynamoDB, Lambda, RDS, S3, and SAM
- Solution Design: regular use of PlantUML to design new and document existing software
- Practiced testing with the JUnit and Mockito testing frameworks
- Implemented dependency injection with the Dagger framework

**U.S. Bank**

***Consumer Banker***

**Nashville, TN, USA**

***Aug 2021 – Jun 2022***

- Enhanced customer satisfaction and fostered long-term loyalty through effective management and maintenance of customer accounts
- Demonstrated a strong commitment to superior client relations by skillfully resolving customer disputes and ensuring their concerns were promptly and effectively addressed
- Safeguarded customers financial stability by proficiently handling debit and credit issues, allowing them to navigate financial challenges with confidence

- Utilized specialized banking software to offer clients tailored financial guidance and decision support

**Maternity & Parental Leave**

**Apr 2019 – Jul 2021**

**Newby Teas London**

**Dubai, UAE**

**Sales Manager**

**Dec 2018 – Apr 2019**

- Accomplished regional sales operational objectives through the provision of valuable regional sales insights and strategic recommendations
- Formulated and implemented action plans, consistently maintaining high standards in production, productivity, quality, and customer service while adeptly managing and resolving challenges
- Cultivated a culture of excellence by overseeing the training, assignment, scheduling, and coaching of employees within designated districts

**Atlantis the Palm Hotel & Resort**

**Dubai, UAE**

**Assistant Sales Manager, International Leisure**

**Jul 2017 – Nov 2018**

- Delivered a significant 30% increase in annual sales growth compared to the previous year, showcasing a strong ability to drive revenue and meet business objectives
- Reduced the time required for sales operations, enhancing the speed of creating promotional offers for partners, improving overall business processes, by developing an efficient promotional rate calculation tool
- Demonstrated a proactive approach to market growth and client relationships

**Etihad Airways**

**Dubai, UAE**

**Sales Executive in Hala Abu Dhabi & Etihad Holidays**

**Jun 2014 – Jul 2017**

- Surpassed the Customer Order Processing KPI, maintaining an average result of 180% compared to the KPI target
- Surpassed annual sales and administrative performance expectations through dedicated effort and strategic execution

**Alpha Tours LLC**

**Dubai, UAE**

**Sales Representative, Sales Operations Supervisor**

**Jan 2008 – Jun 2014**

- Achieved 20% annual sales growth compared to 2009 and 2010 through proactive strategies
- Enhanced sales and customer satisfaction rates by 20% through taking ownership and going the extra mile
- Implemented a strategic approach involving market analysis, pipeline development, new account acquisition, and driving sales closure

**EDUCATION**

**Cook Systems FastTrack Java Program**

**Memphis, TN**

**Concentrated Java Frameworks and developer tools training**

**Sep 2023 – Nov 2023**

**Nashville Software School**

**Nashville, TN**

**Software Engineering with Java/AWS Specialization**

**Oct 2022 – Jun 2023**

**London Metropolitan University**

**London, UK**

**Master of Business Administration - MBA**

**Jan 2018 – Feb 2020**

**Skyline University College**

**Sharjah, UAE**

**BBA Major in International Business**

**Sep 2009 – Jun 2013**