

Mark Melnik

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CORE SKILLS

Languages: JavaScript (ES5, ES6+), TypeScript, Java, Python, SQL (PostgreSQL)
Frameworks/Libraries: React, Redux, Query, Node.js, Express, Spring Boot, Sass, Jest, Cypress
Tools/Technologies: Git, GitHub, Webpack, Vite, ESLint, REST APIs, JWT, Docker, CI/CD
Certifications: AWS Certified Cloud Practitioner

PROJECTS

NYC Fitness Finder

[Demo](#) | [Source](#)

- Developed a fitness location app aggregating NYC fitness spots, enabling streamlined discovery/navigation
- Created a fully responsive UI with **React/TypeScript**, emphasizing reusable components and type safety
- Implemented state management with **Redux** to ensure consistent and predictable application state
- Built a **Java Spring** backend with role-based authentication, supporting personalized accounts, favorite sites
- Designed an ORM schema via **Hibernate** to simplify database interactions through an object-oriented model
- Integrated the OpenStreetMap API for rendering geospatial location markers, enhancing user exploration

Baller Blitz

[Demo](#) | [Source](#)

- Developed a social platform for basketball fans to predict game outcomes, track stats, and share with friends
- Designed a responsive UI with **React/TypeScript**, optimizing load times through code-splitting, lazy loading
- Built **Node.js/Express** backend with **PostgreSQL**, managing 30+ RESTful endpoints for core business logic
- Implemented JWT auth with WebSocket email verification to secure user access, maintain account integrity
- Establish data pipeline to fetch, transform, and deliver real-time scoreboard API data to the frontend
- Automated CI/CD workflows with GitHub Actions to ensure seamless, error-free releases

WORK EXPERIENCE

Premium Merchant Funding

New York, NY

Funding Specialist

December 2024 - Present

- Led client outreach, making high-volume cold calls and emails to generate leads and educate small to medium business owners on financing options, including SBA loans, credit lines, and real estate financing
- Managed the full sales cycle, from prospecting to deal closure, by building strong client relationships, collecting and organizing financial documents, and guiding businesses through funding processes
- Developed web-based financial calculators with **React** to assist with client assessments, funding scenarios

Aspen Dental

Vestal, NY

Dental Assistant

June 2022 - November 2024

- Supported general practitioners and specialists in a wide range of dental procedures, contributing to smooth and efficient operations; guided patients through their visit, ensuring they felt comfortable and informed
- Maintained clear and open communication with office staff to ensure a well-coordinated office environment
- Utilized in-house EPMS web application software to manage treatment plans and schedule patient visits

Binghamton University Residential Life

Vestal, NY

Mentor Resident Assistant

August 2019 - May 2022

- Cultivated a supportive community of 25+ residents through weekly counseling and engaging dorm events
- Collaborated with team members to resolve resident issues, organize weekly meetings, and coordinate events
- Mentored newly hired resident assistants, fostering their professional development and integration into team

EDUCATION

Hunter College, City University of New York

Bachelor of Arts, Computer Science

Expected May 2027

Binghamton University, State University of New York

Bachelor of Science, Integrative Neuroscience; Minor in Russian Studies

Graduated May 2022