

## TECHNICAL SKILLS

**Programming Languages** | Python 3, JavaScript ES6+, SQL, HTML5, CSS

**System Design** | Monoliths, Microservices, Domain-driven design, Message passing, Event sourcing

**Back-End** | Django 4, PostgreSQL, MongoDB, CI/CD

**Front-End** | DOM manipulation, Websockets, React

## RELEVANT PROJECTS

### CarCar | Full Stack Engineer | [gitlab.com/rolandmanvelyan/project-beta.git](https://gitlab.com/rolandmanvelyan/project-beta.git) | Docker, JavaScript, Python, Django

Dec '23

*CarCar is a software designed to oversee various functions within a car dealership, including inventory, sales, and service of automobiles*

- Generated and implemented two interconnected backend microservices—Inventory and Service—leveraging **Python and React** to efficiently manage a car dealership's Inventory and Service divisions
  - Utilized Python for **robust backend functionality**, including data processing and management, while employing React to create a dynamic and **user-friendly frontend interface**
- Elevated user engagement by refining button interactions through a blend of **Django, React, and JavaScript**. Implemented optimizations to streamline navigation within forms and lists, enhancing the overall user experience and facilitating seamless interaction with the platform
- Increased efficiency by streamlining the development process of the application through **Docker containerization**, effectively compartmentalizing distinct components like sales-poller, service-poller, & inventory-api to ensure consistent environments
- Integrated specialized APIs and pollers to enable seamless real-time communication and data synchronization between dealership functions (sales, service), enhancing operational efficiency and oversight within the CarCar application

### Wardrobify | Full Stack Engineer | [gitlab.com/eaglses/microservice-two-shot.git](https://gitlab.com/eaglses/microservice-two-shot.git) | JavaScript, Python, Django, Docker

Dec '23

*Wardrobify is a wardrobe management application enabling users to catalog and create shoe and hat collections for their wardrobe*

- Created clear and concise documentation outlining **API endpoints, request methods, and response formats** to ensure ease of use and integration for developers and users interacting with the Wardrobify platform
- Designed and implemented **RESTful APIs** for shoes, enabling standardized and efficient communication between the frontend and backend components
- Established robust connections between the frontend (React) and backend (Django) through RESTful APIs, enabling dynamic and responsive user experiences within the application

### Popcorn Picks | Full Stack Engineer | <https://gitlab.com/popcorn-picks/popcorn-picks.git> | FastAPI, Python, Javascript, React, Docker, SQL

Jan '24 - Feb '24

*Popcorn Picks is a go-to platform for movie enthusiasts to share, discover, and discuss their favorite films.*

- Developed 'Popcorn Picks,' a movie enthusiast website, using FastAPI, React, and SQL. Enabled user account creation with features such as movie creation, reviews, and comments
- Leveraged FastAPI for efficient backend operations, React for an intuitive user interface, and SQL for robust database management
- Successfully delivered a platform for users to discover, discuss, and rate their favorite movies

## PROFESSIONAL EXPERIENCE

### R1 Motorsport | Automotive Vinyl Wrap Technician

Mar '22 - Jun '23

- Enhanced client satisfaction & company reputation by meticulously wrapping premium exotic vehicles using custom vinyl wrapping, paint protection film application, & **precision detailing techniques**
- Disassembled & reassembled vehicles effectively using vinyl wrap material & adhesive tape, employing **precision techniques** to safeguard delicate components & minimize the risk of scratches, breakage, & damage
- Ensured adherence to client specifications & **exceeded industry standards** by upholding stringent quality control measures throughout the vinyl wrapping process, utilizing inspection checklists, testing equipment, & random sampling, while also incorporating client feedback to deliver exceptional results

### Bangin Buns | Manager

Jun '18 - Nov '21

- Implemented quality control measures, trained staff on food safety, & established a customer feedback system to ensure **consistent high standards of food quality, service, & cleanliness**, resulting in a loyal customer base & consistent positive reviews including 5-star ratings & positive feedback
- Implemented team-building activities & established cross-functional collaboration initiatives to foster a collaborative work environment, overseeing day-to-day operations & managerial duties with a **dynamic team**

## EDUCATION

### Hack Reactor | Advanced Software Engineering Immersive Program

Oct '23

- Acquired comprehensive training in full-stack software development, covering modern technologies and best practices
- Developed expertise in frontend and backend technologies, including but not limited to JavaScript, React, Node.js, and databases
- Engaged in rigorous project-based learning, collaborating on real-world projects and gaining hands-on experience in software engineering principles and methodologies

### Cal State University of Northridge | Marketing - Completed 1 year

May '19

- Pursued studies in marketing, gaining foundational knowledge in consumer behavior, market analysis, and strategic marketing concepts
- While there for a year, gained insight into marketing strategies and fundamental business principles