

Dennis Berezin

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TECHNICAL SKILLS

Front End | JavaScript (ES5 and ES6), React, HTML5, CSS3, jQuery, Material UI

Back End | Node.js, Express, RESTful API Development, Axios, PostgreSQL, MongoDB, MySQL

Testing/Deployment | Jest, Mocha, Chai, AWS: EC2 / T2, Heroku, NGINX, K6, Loader.io

Developer Tools | Vim, Git, npm, Webpack, Babel, Agile Methodology, Scrum, TDD, Trello, Postman

SOFTWARE ENGINEERING APPLICATIONS

Front-End Engineer | Catwalk Gandalf | [GitHub Link](#)

2022

A retail clothing app that displays price, rating, style photo gallery/carousel, and cart

- Architected a **React** front-end service with a photo carousel and add-to-cart functionality backed with **MySQL**
- Improved page load time by 100% using dynamic and static compression and reformatted source images, and implemented dark mode to improve accessibility.
- Led the creation of team roles, code of conduct, organizational repo and **Trello** tickets

Back-End Engineer | Atelier Azathoth | [GitHub Link](#)

2022

A complete back-end overhaul for an existing e-commerce web app, web-scaled with AWS

- Constructed complex queries using aggregation functions to match expected formats for a **PostgreSQL** database containing tens of millions of products and styles
- Increased RPM by 300% by horizontally scaling microservice to 6 **AWS** instances using an **NGINX** load balancer
- Load tested locally with **K6** and on the cloud with **Loader.io** to identify performance bottlenecks in scaling and to allow for throughput of over 108,000 requests per minute

Full-Stack Engineer | Excuses² | [GitHub Link](#)

2022

A web app that generates and stores excuses while providing uplifting quotes and jokes

- Built individually for a 10 hour challenge from scratch using the **PERN** stack
- Integrated three **RESTful APIs** and an array of transitions to improve user experience
- Deployed to **Heroku** instance which currently receives daily traffic

Full-Stack Engineer | Kane Academy | [GitHub Link](#)

2022

PERN stack web application for scheduling appointments with mentors of various skills

- Served as UI Owner to develop wireframes for app proposals and oversaw full site styling with **Material UI**
- Used **Agile** methodology to navigate a **Gitflow** with a team of 7 full-stack engineers
- Integrated the Google Calendar API with **OAuth 2.0** and implemented data storage for photos and schedules

PROFESSIONAL EXPERIENCE

Phlebotomist/Collector, All Medical Personnel

2019-2021

- Worked autonomously to perform drug monitoring tests at a mental health clinic throughout the pandemic
- Managed patient health records in accordance with the HIPAA Privacy Rule
- Maintained friendly rapport with clients and partner companies

EDUCATION

Hack Reactor - Advanced Software Engineering Immersive Program

2022

Stony Brook University - Bachelor of Science, Psychology | Minor, Chemistry

2019

Relevant Coursework: Calculus I & II, Classical Physics, Statistics in Psychology/Biology

PERSONAL

Freelance creative writer and game designer on Fiverr, BLS/CPT/CET medical certifications, Russian heritage speaker