Dennis Berezin

Full Stack Software Engineer

Centereach, NY
631-830-3327 | dennis.m.berezin@gmail.com
github.com/DenBerez | linkedin.com/in/dennis-berezin

SUMMARY

Professional Software Engineer with robust knowledge and hands on experience in full-stack development, specializing in JavaScript, React, and Node.js. Adept at creating CRM and ERP applications and integrating digital solutions with platforms such as AWS, ServiceTitan and Zapier. I'm passionate about leveraging AI microservices to enhance client operations alongside efficient, effective, secure and user-friendly UIs, and committed to driving excellent user experience in pursuit of the company's vision.

PROFESSIONAL EXPERIENCE

Software Engineer   May 2022 - Nov 2024
The Graphite Lab

- **Engineered and maintained** scalable, full-stack software solutions, encompassing design, development, testing, documentation, and support.

- **Delivered tailored digital solutions** for residential and commercial trades businesses, including **AI-driven microservices** and a subscription-based web application.

- **Spearheaded the development** of "The Toolbox," a CRM and ERP web application, utilizing **React, Node.js**, **AWS Amplify**, **JavaScript**, **GraphQL**, and integrations with **Zapier**, **ServiceTitan** and more.

- **Collaborated directly with the CEO** as the sole engineer in a startup setting, leading technical strategy, execution, and delivery of the company's core product.

- **Streamlined client operations** by ensuring seamless integration and functionality of the application, driving significant improvements in efficiency and user experience.

- **Assisted in the development** of various digital solutions for third-parties, such as a drain pump monitoring app, an ad/marketing/sales app, a CRM data conversion tool and more.

- Gathered client's requirements, **converted requirements into technical solutions** ensuring the outcome product is **secure, user friendly and efficient.**

EDUCATION

Bachelor of Science, Psychology
Stony Brook University
Aug 2015 - Aug 2019

Advanced Software Engineering Immersive
Hack Reactor
Nov 2021 - Apr 2022

SKILLS

Frontend Skills

React, TypeScript, Next.js, JavaScript, HTML5, CSS3, Material-UI, React Query, Jest, Web Components, Server-Side Rendering (SSR), Vue, Storybook, Responsive Design, Next.js

Backend Skills

Node.js, Python, Express, REST APIs, GraphQL, PostgreSQL, MongoDB, MySQL, WebSocket, Microservices, API Gateway, NGINX, noSQL

DevOps Skills

Docker, AWS, Serverless, Lambda, S3, GitHub Actions, CI/CD, CloudFormation, CDK (AWS Cloud Development Kit)

AI/ML Skills

OpenAI, LangChain, Prompt Engineering, TensorFlow

Tools & Utilities

Git, GitHub, VS Code, Webpack, npm, Jira, Slack, Postman, Cursor

Testing Skills

Jest, React Testing Library, Cypress, Unit Testing, Integration Testing, Cross-Browser Testing, Mocha, Chai

PROJECTS

Professional

The Toolbox

- Led the development of an enterprise AI and automation platform for service trades and home service businesses. Seamlessly integrated with CRM systems to optimize tech stacks and enhance operational efficiency through automation.

JavaScript, React, Node.js, AI/ML, Stripe, AWS Amplify, GraphQL, DynamoDB, AWS Lambda, AWS S3, AWS SES, AWS SQS, AWS SNS, AWS CloudWatch, AWS CloudTrail, AWS IAM, AWS API Gateway, Zapier, ServiceTitan, Material UI, Ant Design, Google API, Python

Profitfill

- Developed an AI-powered platform to optimize marketing spend by analyzing CRM and website data, targeting high-value leads, and managing ad campaigns to schedule profitable jobs.

JavaScript, React, Node.js, AWS, GraphQL, AI/ML

SAM (System Alert Monitor)

- Designed a monitoring system for drainage infrastructure with real-time alerts, system status monitoring, and predictive maintenance capabilities.

JavaScript, React, Node.js, AWS, GraphQL, Authorize.net

Academic

Atelier

- Engineered a high-performance backend system for an e-commerce platform, migrating from MySQL to PostgreSQL and implementing distributed architecture. Scaled the application to handle 108,000 requests/min with sub-50ms response times.

MySQL, PostgreSQL, EC2, JavaScript, Node.js, Express, AWS, NGINX, K6, Loader.io

Catwalk

- Modernized an e-commerce platform's front-end, focusing on responsive design, dark mode functionality, and seamless integration of navigation components.

JavaScript, Node.js, Express

Kane Academy

- Built a full-stack platform connecting mentors with learners, featuring search functionality, Calendly and Google Calendar integration for scheduling.

JavaScript, Node.js, Express, PostgreSQL, Material UI, Google Calendar API

Personal

Reco

- A media recommendation app for searching, saving, rating, and analyzing any type of media.

React, Vite, Material UI, Node.js, AWS Amplify, GraphQL, DynamoDB, Lambda

Web Scraper API

- Developed a web scraper API for extracting data from websites to assist in aggregation of upcoming releases for Reco.

JavaScript, API Gateway, Lambda

DenBox

- A Jackbox clone to play various part games with your friends.

Typescript, AWS Amplify, React, Material UI, API Gateway, DynamoDB, GraphQL, Next.js, S3