

Dennis Drueck — Full-Stack Developer

Naperville, IL

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About

I am a talented and seasoned professional with 4 years of software development experience and 16 years of cumulative IT experience. Through my successful projects and certifications, I have demonstrated mastery of computer science fundamentals and full-stack application development. My strong focus on teamwork and collaboration helps ensure that goals are well-defined and deadlines are met. Given my diverse background spanning multinational corporations, startups, and freelancing, I can readily excel in any environment.

Skills

Languages: JavaScript, TypeScript, SQL, Java, Python, Bash, PowerShell, SCSS, CSS, HTML

Frameworks: Spring Boot, Node.js, Express.js, React.js, Next.js, Redux, Bootstrap, Tailwind

Databases: PostgreSQL, MongoDB, MySQL

Tools: Git, GitHub, Docker, Kubernetes, Jira, Postman, DevTools, Figma, Adobe XD, VS Code, IntelliJ, PyCharm

Topics: Agile, CI/CD, REST API, Sessions, Caching, Unit Testing, Performance Testing, HTTP, TLS, SSH, DNS, SEO, Jamstack

Experience

Full-Stack Developer, *Self-Employed*

2021 – Current

I use an Agile approach to build web applications as a freelancer. I provide end-to-end solutions, including full-stack development, UI and UX design, SEO, market research, and digital media.

- Release products on time by identifying highest value features after evaluating problem statements and distilling requirements in collaboration with product teams.
- Increase traffic and revenue for clients, achieving top SERP rankings and enhancing user experience through excellent page speed, accessibility, and responsiveness.
- Deliver features as fast as possible, iterating rapidly with Agile sprints.
- Improve stability with nearly instantaneous version updates by implementing CI/CD pipelines using Git and GitHub to easily deploy new production builds in seconds.

Full-Stack Developer (Contract), *Martial Arts Technologies*

2022 – Current

I contribute to event management SaaS products in collaboration with the CTO and the product manager to improve functionality and implement in-house tools that save employees time.

Environment: MySQL, PHP, Laravel, Blade, JavaScript, Node.js, jQuery, Bootstrap, CSS3, HTML5, Bitbucket, Jira, cPanel

- Reduce support requests for cross-platform issues by implementing responsiveness and input validation for 50+ web pages using PHP, Blade, jQuery, and Bootstrap.
- Increase SERP ranking and page speed via network and asset optimization strategies.
- Circumvent labor related to logo color extraction via a custom automated solution to scrape CDNs and analyze images with JavaScript, Node.js, color-thief and tinycolor2.

Full-Stack Developer (Contract), *TrapMonkie.io*

2021 – 2022

I created and maintained a single page application to facilitate blockchain transactions in collaboration with the product manager and 1 additional developer.

Environment: JavaScript, Node.js, React.js, Redux, Node.js, SCSS, Webpack, Jest, GitHub, Cloudflare Pages, Ethereum

- Delivered MVP in 1 week, and 2 major updates within 1 week of requirements approval.
- Imported real-time data and performed asynchronous transactions via Ethereum's JSON RPC API using [web3.js](#), providing error-proofing and ease-of-access.
- Optimized user-experience across multiple platforms with responsive and adaptive design, lazy-loading, and asset optimization.

SaaS Interactivity Specialist, *Text2Drive*

2019 – 2021

I owned development, deployment, support, technical client relations, and in-house training related to all SaaS widgets deployed to 200+ auto dealers' websites.

Environment: JavaScript, Python, Selenium, CSS3, HTML5, Bootstrap

- Delivered exceptional user experiences, overhauling widget assets using JavaScript, HTML, CSS and Bootstrap, focusing on unifying visual identity with host sites.
- Reduced time-to-delivery by 50% by restructuring cross-company deployment pipelines.
- Enhanced client-experience with proactive communication and well-prepared proposals, backed by my expertise in HTML and CSS, as well as analytics and market research.
- Conserved 40 hours per month by automating toilsome tasks with Python and Selenium.

Education

FastTrack Developer Program, *Cook Systems*

2022 – 2023

- Studied design patterns and full-stack development using Git, GitHub, Java, Spring Boot, PostgreSQL, JavaScript, React.js, Node.js, CSS, HTML.
- Delivered multiple full-stack applications through 1-week sprints in Agile teams.

Project: Twitter Clone API

Environment: Java, Spring Boot, Maven, Spring Web, Lombok, MapStruct, JPA, JDBC, PostgreSQL, Postman, Git, GitHub

- Created a REST API web service with Java Spring, including 30 HTTP endpoints to CRUD data related to accounts, tweets, hashtags, likes, follows, replies, and reposts.

- Led a 3-developer team in a 1-week sprint, prioritizing critical tasks with a Kanban board.
- Ensured version stability by reviewing, testing, and merging git branch pull requests.
- Implemented services, data models, repositories, and controllers using Spring Boot and JPA, including data validation, error handling, and reusable functions.

Project: Spotify Artist Guessing Game

Environment: JavaScript, Node.js, React.js with Hooks, React Router, Material UI, Howler.js, Lodash, Git, GitHub

- Developed a stateful browser game, allowing users to play songs and guess the artist by fetching genres, artists, and songs from Spotify Web API.
- Implemented capability to play again with fresh data by creating configurable components and routes using React.js, Material UI, and React Router.
- Resolved edge cases for smaller genres through caching and query retries, manipulating and persisting data with HTML Web Storage and JavaScript.
- Enabled users to easily play and switch between songs with a single click by utilizing Howler.js and React.js Hooks to control .mp3 playback and global volume.

Project: Company Management Portal

Environment: Java, Spring Boot, Maven, Spring Web, Lombok, MapStruct, JPA, JDBC, PostgreSQL, JavaScript, Node.js, React.js with Hooks, React Router, Postman, Git, GitHub

- Built a full-stack application that allows users to edit employees, announcements, teams, and projects using React.js, Java Spring, JPA, JDBC, and PostgreSQL.
- Clarified client expectations to ensure all features aligned with the customer's needs, creating distinct objectives for developers.
- Provided the front-end team with ample time to deliver a polished interface, distributing tasks effectively to finish 17 REST API web service HTTP endpoints in under 24 hours.

Bachelor of Fine Arts, University of Illinois Chicago

2012

- Studied web design, design thinking, visual communication and perception theory.

Certifications

FreeCodeCamp.org

2021 – 2022

Each below certification included 300 hours of coursework and 5 tested, verified projects.

- **Back-End and APIs** – Express.js, MongoDB, Node.js
- **Relational Databases** – PostgreSQL, Bash
- **Front-End Libraries** – React.js, Redux, jQuery, Bootstrap
- **JavaScript** – Data Structures and Algorithms
- **Python** – Scientific Computing

Additional work history and references are available upon request.