

# Noor Dibou

Software Engineer

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## SKILLS

**Languages:** JavaScript, HTML, CSS, Python, SQL, JSON, Typescript, EJS

**Libraries and Frameworks:** React, Vue, Next, Node, Express, Django, jQuery, Sequelize, MySQL, Figma, Bootstrap, Tailwind CSS, Framer, Jest, Chai, Mocha

**Database:** PostgreSQL, MongoDB

**Other:** REST APIs, JSON API, Ubuntu, Linux, Stripe, Git, Github, Postman, Visual Studio Code, Microsoft Office

## EDUCATION

**University of Texas at Dallas | Dallas, Texas**

*Bachelor of Science in Biochemistry*

Organizations/Awards: The National Society of Leadership and Success

**General Assembly | Remote**

*Software Engineering Immersive*

Completed an intensive 24-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies

Developed a portfolio of individual and group projects

## PROFESSIONAL EXPERIENCE

**Freelance Full Stack Software Engineer for UTD Student Organizations**

**August 2023 - Present**

- Collaborate with University of Texas at Dallas (UTD) student clubs to develop dynamic and user-friendly websites tailored to their unique needs.
- Translate club requirements into efficient and scalable solutions, utilizing expertise in HTML, CSS, JavaScript, and various web frameworks.
- Design visually appealing front-end interfaces and implement robust back-end functionalities, enhancing the online presence of student organizations.

**J.P. Morgan Software Engineering Virtual Experience on Forage**

**December 2023**

- Set up a local dev environment by downloading the necessary files, tools and dependencies.
- Fixed broken files in the repository to make web application output correctly.
- Used JPMorgan Chase's open source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

## HACKATHONS

**Bottomless Closet | React, Next.js, TypeScript, TailwindCSS, PostgreSQL, Node.js, Sequelize, Jest | [Github](#)**

Secured first place in General Assembly's winter hackathon by leading the redesign of a nonprofit's website

- Executed robust git workflow and conducted code reviews, achieving zero deployed errors
- Led daily meetings with UX/UI and dev teams for seamless communication and swift progress
- Contributed significantly to backend using PostgreSQL, Node.js, Sequelize and wrote test units with Jest
- Played key role in crafting frontend's history and mission pages and footer

**Feeling Friends - School Accessibility App | React, Express, Node.js, MongoDB, Tailwind CSS, Figma, Framer | [Github](#)**

Won People's Choice award by creating an accessibility app for neurodiverse students

- Worked closely with UX/UI designers in an agile development process, ensuring the delivery of a high-quality product
- Implemented JWT authentication for enhanced security measures
- Developed responsive UI components, constructing dedicated pages for teachers and students on the frontend
- Engineered backend functionality specific to teachers, ensuring seamless integration with the overall system

## PROJECTS

**March 2023 - Present**

**Caffeine Chronicles - Coffee Shop Review App | React, Express, Node.js, MongoDB, Tailwind CSS | [Github](#)**

- Launched a blog website using React, featuring RESTful APIs with Node.js and Express
- Configured MongoDB to store blog posts, comments, and user data
- Implemented auth with JSON Web Tokens for users to view, edit and comment

**Time Totes - Ecommerce App | Next.js, TypeScript, MongoDB, Stripe, Tailwind CSS | [Github](#)**

- Developed and launched a luxury accessories e-commerce website using Next.js and TypeScript
- Implemented server-side rendering and static site generation for optimized performance
- Integrated Stripe payments and managed product catalog/inventory in MongoDB

**The Dessert Palette - Recipe App | Django, PostgreSQL, Python, Bootstrap | [Github](#)**

- Developed Python dessert recipe web app using Django and RESTful APIs
- Integrated PostgreSQL to store recipes, ingredients and user data with auth
- Enabled recipe browsing, search and filtering for enhanced user experience