

## Noor Dibou

Full-Stack Software Engineer

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Full-stack software engineer with a unique biochemistry background, blending analytical thinking and complex problem-solving skills. Proficient in full-stack development and dedicated to driving sustainable, socially impactful projects. Eager to innovate at the intersection of technology and science to create positive change.

### SKILLS

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

**Libraries and Frameworks** - React, Next.js, Node.js, Express, Django, jQuery, Figma, Bootstrap, Tailwind CSS, Framer

**Database** - PostgreSQL, MongoDB

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

**Laboratory Skills:** ELISA, DNA sequence analysis, Western blot development, PCR, agarose gel electrophoresis, FTIR, HPLC, streak plating, gram staining, microbial culture, laboratory protocols, pipetting, data analysis, medical terminology, data collection, and organization..

### SOFTWARE DEVELOPMENT PROJECTS

March 2023 - Present

**Feeling Friends - School Accessibility App- Hackathon Project** | React, Express, NodeJS, MongoDB, Tailwind CSS, Figma, Framer  student: [student3@example.com](mailto:student3@example.com) teacher: [teacher15@example.com](mailto:teacher15@example.com) password: 12345

- Developed front-end UI components using React framework to create an intuitive and responsive user interface for both students and teachers.
- Built RESTful APIs with Node.js and Express to enable seamless data communication between front-end and MongoDB database.
- Implemented user authentication and authorization logic to ensure secure access to student profiles and other sensitive information.
- Collaborated closely with UX/UI designers throughout the agile development process to deliver a high-quality product.
- Contributed to the app's success by rapidly developing new features during a 3-day hackathon, leading to winning People's Choice award. ( **We are currently in the process of further developing the app.**)

**Caffeine Chronicles - Coffee Shop Review App** | React, Express, NodeJS, MongoDB, Tailwind CSS 

- Developed and launched blog website for coffeeshops using React frontend framework
- Implemented RESTful APIs with Node.js and Express for data retrieval and manipulation.
- Designed the schema and configured MongoDB to store blog posts, comments, and user data.
- Created a responsive UI with Tailwind CSS for optimal performance on various devices.
- Implemented authentication and authorization using JSON Web Tokens for secure access.
- Enabled users to view blog posts and leave comments.

**Time Totes - Ecommerce App** | Next.js, TypeScript, MongoDB, Stripe, Tailwind CSS 

- Developed and launched an e-commerce website for luxury accessories using Next.js, React, and TypeScript.
- Implemented server-side rendering and static site generation with Next.js for optimized performance.
- Built responsive UI with Tailwind CSS for seamless cross-device experience.
- Integrated Stripe payments API for secure online checkout.
- Managed the product catalog and inventory in MongoDB.

**The Dessert Palette - Recipe App** | Django, PostgreSQL, Python, Bootstrap 

- Developed dessert recipe web application using Python and the Django framework.
- Created REST APIs with Django for recipe data retrieval.
- Designed and implemented a PostgreSQL database to store recipes, ingredients, and user data.
- Used Bootstrap front-end to create responsive and mobile-friendly UI.
- Implemented user authentication for account registration and login.
- Enabled users to browse recipes, search by keywords, and filter by categories.

## **PROFESSIONAL EXPERIENCE**

**Lead Medical Assistant, North Texas Endocrinology and Diabetes Center | Frisco, TX** **June 2019 - July 2021**

- Managed care for over 500 patients monthly, including scheduling appointments, addressing concerns.
- Supported patients during appointments by performing clinical tasks, such as taking vitals, medical history, and explaining treatment plans.
- Collaborated with doctors and nurses to ensure smooth patient visits and delivery of care.
- Trained and onboarded 15+ new team members on medical center systems and protocols.
- Maintained accurate digital medical records for all patients in compliance with HIPAA standards.

## **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.

**Collin College | Frisco, Texas**

*Associate degree in science*

Organizations/Awards: Collin College Dean's List, Phi Theta Kappa Honor Society.

## **OTHER EXPERIENCE**

**School Lab Experience, University of Texas at Dallas | Richardson, TX**

**August 2019 - May 2022**

- Assisted with general support for the laboratory, adhering to policies and procedures.
- Prepared and organized samples for testing, including sample racking, aliquoting, and tube preparation.
- Handled, processed, labeled, and transported specimens, resolving sample problems.
- Assisted in maintaining and preparing testing equipment and notifying technical staff of issues.
- Assisted in pre-analytic and post-analytic testing activities in a licensed clinical laboratory.
- Managed inventory, ordered supplies, and performed inventory checks.
- Conducted data entry and transcribed data for computerized data reduction.
- Assisted in quality control procedures and maintained a neat and organized laboratory.

## **VOLUNTEER**

**American Red Cross | DFW, TX**

**August 2021 - Present**

- Emergency Translator - North Texas
- Blood Services Transportation Specialist - Dallas/Fort Worth Metroplex
- Blood Services Donor Ambassador - Metro North Texas

**Envoy Hospice LLC | Fort Worth, TX**

**June 2018 - December 2021**

- Provided emotional and behavioral support to patients with dementia and Alzheimer's
- Assisted patients with daily living activities and organized entertaining group activities