Noor Dibou
Software Engineer
Frisco, Texas · Email · Portfolio · Linkedin · Github

SUMMARY

Full-Stack Software engineer with a background in biochemistry bringing a unique blend of scientific expertise and coding skills to develop innovative solutions for sustainability and social impact. Experienced with full-stack development and passionate about empowering positive change through technology.

SKILLS

Languages - JavaScript, HTML, CSS, Python, SQL, JSON, Typescript, EJS
Libraries and Frameworks - React , Next.js, Node.js, Express, Django, Jquery, Mongoose, Bootstrap, Tailwind CSS, Framer
Database - PostgreSQL, MongoDB
Other - REST APIs, JSON api, Ubuntu, Linux, Stripe, Git, Github, VS code, Microsoft Office (Word, Excel, Power Point)
Laboratory Skills: ELISA, DNA sequence analysis, Western blot development, PCR, agarose gel electrophoresis, FTIR, HPLC, streak plating, gram staining, and microbial culture. Proficient in laboratory protocols, including pipetting and data analysis, Medical Terminology, Data Collection and Organization.

SOFTWARE DEVELOPMENT PROJECTS   March 2023 - Present

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 to retrieve and manipulate blog data
- Designed schema and configured MongoDB database to store blog posts, comments, users and more
- Built responsive UI with Tailwind CSS for optimized experience on all devices
- Enabled site administrators to create, edit, publish and manage blog content
- Implemented authentication and authorization using JSON Web Tokens for secure access
- Allowed users to view blog posts and leave comments

Time Totes - Ecommerce App | Next.js, React, TypeScript, MongoDB, Stripe, Tailwind CSS 🔗
- Developed and launched ecommerce website for luxury accessories including bags, watches, and sunglasses 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 experience across devices
- Integrated Stripe payments API for secure online checkout
- Managed product catalog and inventory in MongoDB database

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 to retrieve recipe data
- Designed and implemented PostgreSQL database to store recipes, ingredients, and user data
- Used Bootstrap front-end library 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, and ensuring excellent service
- Supported patients during appointments by performing clinical tasks like 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 using office software and adherence to HIPAA compliance 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
Full-stack software engineering immersive student in 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, following all applicable policies and procedures
- Prepared and organized samples for testing, including sample racking, aliquoting, and tube preparation
- Handled, processed, labeled, and transported specimens, identifying and resolving sample problems appropriately
- Assisted with the maintenance and preparation of testing equipment, including preventive maintenance and notifying technical staff of equipment problems
- Assisted licensed personnel or delegated supervisors in pre-analytic and post-analytic testing activities in a licensed clinical laboratory
- Prepared pre-analytical reagents and controls, maintaining complete and accurate records
- Managed inventory of consumable items, ordered supplies, and performed inventory checks
- Performed data entry and transcribed data for computerized data reduction
- Assisted in quality control procedures, prepared protocols, and maintained laboratory areas in a neat and organized manner
- Complied with health and safety policies, procedures, and practices, utilizing personal

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