Abdullah Miraz

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CAREER OBJECTIVE

Eager to apply my coding skills and passion for learning to contribute to your company. Dedicated to staying up to date with software engineering trends and generating fresh ideas for impactful solutions.

PROJECTS & RESEARCH

Generating & Embedding QR ⤴: **Ldtax-v2**

- Admin panel for uploading PDFs with unique QR code links.
- PDF file names stored in MongoDB; files hosted on cPanel.
- Users can print or scan QR codes to access PDFs online.

Used Technologies: *React, Pdf-lib, Nodejs, Multer, mongodb, react pdf, firebase(auth)*

Food Ordering System ⤴: **Foodify**

- Online food ordering system using APIs for data retrieval and user authentication.
- Allows users to customize food orders based on individual preferences.

Used Technologies: *React, Express, Node.js, JWT, firebase, axios, MongoDB*

Web Automation Project ⤴: **PriceTrack**

- Data retrieval from website for product prices by scraping.
- Saving retrieved data to localhost API.

Used Technologies: *Puppeteer, Nodejs, Redis, BullMQ*

Citrus Disease Detection using CNN: Utilized a comprehensive dataset of citrus images to train a Convolutional Neural Network (CNN) for precise disease detection, demonstrating proficiency in data-driven model development for agricultural applications. (ongoing)

SOFTWARE DEVELOPMENT SKILLS

Proficient: HTML, CSS, JavaScript, ES6, **React.js**, React Router, React Query, Tailwind CSS, Bootstrap, Axios, GitHub.
Comfortable: Node.js, Express.js, MongoDB, Mongoose, MySQL, Python, Data Structures, Algorithms, REST API, JWT, Database.
Familiar: Docker, Next.js, TypeScript.
Tools: VS Code, Netlify, Vercel, Firebase, Figma, Chrome Dev Tools, Postman.

EDUCATION

B.Sc. in Computer Science & Engineering (Oct 2020 – Ongoing)
International University of Business Agriculture and Technology | Dhaka, Bangladesh | CGPA: 3.72 out of 4.00

ACHIEVEMENTS AND PROBLEM-SOLVING EXPERIENCE

Problem Solving Experience:
- Successfully **solved 500+** programming challenges on codeforces, beecrowd, hacckerrank, lightOJ.
- Engaged in over **50 online** contests.

Contest Participation (Notable):
- Intra University Programming Contest, Summer - 2022, IUBAT
- Intra University Programming Contest, Fall - 2021, IUBAT
- UITS Collaborative Programming Contest – Placed 3rd
- Honorable Mention:
  - 2023 ICPC Asia Dhaka Regional Preli
  - 2021 ICPC Asia Dhaka Regional Preli
- Code Samurai 2024 – Our team (Django) successfully progressed to the 2nd round by developing a backend API and app for centralized management of DNCC dump yards, allowing for shared user data across verified users

Extra-Curricular Involvement:
- **Programming Mentor ⤴:** Provided guidance to students in campus programming, fostering a collaborative learning environment
- **Hult Prize Event Management Coordinator ⤴:** Demonstrated leadership, overseeing logistics for successful event execution.
- **Mentoring Teams:** Mentored teams to participate in various contests and hackathons, both locally and online.
- **Essay Writing:** Honored to be named champion of the 2024 University Essay Writing Competition for my essay on the founder of IUBAT.

REFERENCE

Krishna Das
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