Mustafa Bolat

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Education

Southern Connecticut State University – BS in Computer Science, Minor in Mathematics   *Expected May 2025*

Skills

Languages: Python, JavaScript, TypeScript, Go
Backend: Django, Django REST Framework, Echo, Flask, Express.js, MySQL, SQLite, PostgreSQL
Frontend: React.js, React Native, Expo, Server-Side Rendering, Single-Page Applications, HTML, CSS, TailwindCSS
Cloud: Google Cloud Platform, Digital Ocean, Heroku, Vercel, Turso, Supabase, Linux (Debian, Ubuntu, CentOS)

Projects

Calypso Blue Pool & Spa   store.cbpsbackend.fyi
- Led the design and deployment of a Medusa.js ecommerce backend with a customized Next.js storefront, guiding the team to transform an open-source starter template into a responsive, brand-centric shopping platform
- Tailored components to ensure a seamless experience across devices that aligned with brand identity
- Hosted the admin dashboard and storefront on Vercel with the backend hosted on Heroku, along with managed PostgreSQL from Supabase

CSweekly   csweekly.xyz
- Built a web application in Golang to host weekly coding problems for the SCSU Computer Science Club
- Implemented Tailwind CSS via standalone CLI and Server-Side Rendering, achieving Google Lighthouse scores of 95+ for accessibility, Best Practices, and SEO.
- Deployed through Digital Ocean app engine using a hosted SQlite database from TursoDB

Community IT Project   communityitproject.org
- Developed a digital literacy resource website using Django Web Framework and SQLite
- Implemented W3.CSS class library for a focus on accessibility, readability, and ease-of-use
- Migrated from Google GCP Compute Instance to Digital Ocean Droplet, reducing hosting costs by over 50%

menü   github.com/Mooshiiee/menu-expo
- Building a cross-platform mobile application using React Native and Expo framework to allow for small businesses to easily create and distribute menus.
- Utilizing SQLite3 with Django Rest Framework to deliver a secure REST API through JWT authentication.
- Designed a flexible schema with JSON subsetting to handle semi-structured data in SQLite3 for dynamic object storage.

Leadership and Activities

Secretary, SCSU Computer Science Club   May 2024 – Present
- Facilitate connections with external organizations for volunteering opportunities
- Manage weekly coding problem postings through csweekly.xyz

Member, International Collegiate Programming Contest Club   November 2023 – Present
- Focus on advanced algorithms during collaborative sessions to prepare for regional contests.
- Engage with SCSU alumni in the software industry for mentorship and guidance
- Competed in the 2024 Northeast Regional competition

Work Experience

Front of House, Meriden Pizza Express - Meriden CT   June 2019 – Present
- Processed approximately 40 orders daily, demonstrating strong multitasking abilities
- Cultivated positive relationships with customers, enhancing repeat business
- Demonstrated quick problem-solving skills in an unforgiving and fast-paced customer service environment