Asadbek Nematov
Innovative Software Developer

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Technical Skill Summary

Web & Mobile Development: JavaScript, ReactJS, AngularJS, React Native, AWS, Flutter, Swift, SwiftUI, ARKit, Python
Frameworks, Libraries & API: Bootstrap, Tailwind, Firebase, API Integration
Design & Multimedia: Adobe Photoshop, Lightroom, Figma, Canva
Version Control & Hosting: Git, GitHub, Domain management
Languages: Uzbek, Russian, English, Turkish

Team Leadership Projects

Interview Prep AI Platform												**September 2023**
ShellHacks Hackathon (OpenAI ChatGPT-4, Firebase, Vite, Tailwind, Voice-to-Text API, ReactJS)
- Spearheaded the integration of **OpenAI GPT** and developed a **Voice-to-Text** feature using **ReactJS** and **JavaScript**, leading to the successful demonstration of our platform, GimmeJob.com, which received an award from **GoDaddy.**
- Directed a team of 5 to design and implement user login/signup pages using **Firebase** and **Firestore**, establishing a robust database infrastructure for tracking user interview performance on our Interview Prep AI platform.
- Managed the design of a user-friendly website with **Vite**, **ReactJS**, and **Tailwind**, managing **domain** purchase and **hosting** setup, resulting in the well-received platform, GimmeJob.com, for effective interview preparation.

Recipe App in Tinder UI | RecipeLab												**March 2023**
HackaBull Hackathon (React Native, MongoDB, Google Vision, Spoonacular API, SwiftUI)
- Crafted a **Tinder-style** swipeable UI using **React Native**, a cross-platform app, enabling users to easily browse and select recipes generated based on their ingredient photos, enhancing user engagement and app functionality.
- Leveraged **Google Vision** for ingredient image recognition and integrated **Spoonacular API** to generate recipe suggestions, streamlining the process of converting visual ingredient data into actionable recipe recommendations.
- Initially developed the app using React Native for seamless operation on both **Android** and **iOS**, and post-hackathon, successfully transitioned the project to **SwiftUI**, demonstrating adaptability and enhancing the app's performance.

Hackathon Website | hackjam.dev												**October 2023**
HackJam Hackathon organized by SHPE (ReactJS, Vite, Tailwind, Netlify)
- Led website development for HackJam Hackathon, ensuring even task distribution and error resolution.
- Executed a distinctive website design with a waving animation on **ReactJS** and **Tailwind**, enhancing user experience and leading to over **200 sign-ups** for the hackathon through the website, exceeding initial registration targets.
- Procured the domain name hackjam.dev from name.com and managed the hosting setup on **Netlify**.

VR bot | Buzz Lightyear												**May 2023**
EGN3000L Foundations of Engineering Lab (Arduino, 3D Printing, ARCore, SwiftUI)
- Coordinated a team of 5, directing the **3D-printing** of a Buzz Lightyear bot and remote-control integration via **Arduino**.
- Developed a **VR app** using **SwiftUI** and **ARCore**, generating immersive planetary environments for the bot to traverse, enhancing interactive and exploratory aspects, and showcasing the creative integration of hardware and software.
- Leveraged **3D-printing** technology to fabricate a detailed Buzz Lightyear model, and implemented a remote-control system using **Arduino** components, demonstrating practical engineering skills in hardware development.

Experience

Society of Hispanic Professional Engineers (SHPE) & Hackabull							**Tampa, Florida**
Position: *Tech Director & eBoard*												August 2023 - Present
- Directed and executed tech workshops for Hackabull Hackathon, along with evaluating final project submissions to ensure code quality and adherence to project guidelines, significantly enhancing the project execution capabilities.
- Conducted diverse technical workshops on **Tailwind** CSS, **API** integration, and **React Native** (in collaboration with ACM), enhancing participants' skills in styling, real-time data handling, and cross-platform app development.

Department of Medical Engineering - University of South Florida							**Tampa, Florida**
Position: *OPS Student Assistant*												August 2023 - Present
- Facilitate lab exercises and guide on engineering design and team projects, enhancing practical education for students.
- Assist in evaluating students' communication skills and refining lab exercises in collaboration with instructors, preparing students for interdisciplinary engagements and nurturing engineering aptitude.

Education

University of South Florida, Tampa Fl												**2022 - 2026**
Bachelor of Science (B.Sc.) in Computer Science												3.9/4.0GPA