ABASEEN KHAN

Software Engineer | Huntington, New York | linkedin.com/in/abaseen-khan | github.com/GlassAOTU | arbaseen@gmail.com | 6318852468

Junior software developer with a lifelong love for programming and problem-solving. Driven by curiosity and the satisfaction of building things that make a difference. Looking to grow with a team where I can learn, contribute, and create real impact through code.

EDUCATION

SUNY OLD WESTBURY

Computer Science | Sep 2020 - May 2024

- Completed coursework in Data Structures, Operating Systems, Databases, and Machine Learning.
- Built and deployed multiple projects outside of class using Next.js, PostgreSQL, and external APIs
- Learned core CS concepts including OOP, relational schema design, and algorithmic thinking

TECHNICAL EXPERIENCE

STRATUS IOS APP

Software Developer | May 2025 - Current

Developed to merge a long-standing interest in weather with immersive soundscapes, using real-time data to drive ambient audio experiences.

- Designed and built a location-based ambient sound app that dynamically plays environmental audio (e.g., wind, rain, cicadas) based on real-time weather, time of day, and ecological data.
- Integrated multiple APIs to correlate meteorological data (temperature, wind speed, precipitation) with geospatial and seasonal sound triggers.
- Crafted a custom iOS UI with SwiftUI, supporting user-selected locations, dynamic backgrounds, and potential for offline soundscapes or tip-jar monetization.

BENTOANIME.COM

AI-Focused Full Stack Developer | Jan 2025 - Current

Created to fill a gap in existing anime recommendation tools by building a cleaner, more functional platform with better filtering and discovery.

- Built a full-stack anime recommendation platform with Next.js, deployed on Vercel, using the AniList API and a custom PostgreSQL database to power metadata-rich content.
- Integrated an external AI API to generate recommendations from natural language descriptions and custom tags, with real-time links to trailers and streaming platforms.
- Architected the backend to collect and refine AI outputs for future use in a locally trained ML model, improving long-term recommendation accuracy and relevance.

NEIGHBORHOODPINS.COM

Full Stack Developer | Jan 2024 - Current

Created to provide residents more information about their neighborhoods and how to find a solution.

- Built a full-stack web app with Next.js, Mapbox, Neon (PostgreSQL), and Clerk auth to crowdsource road issues, modeled after Waze and utility outage maps.
- Integrated custom town boundary overlays and interactive pinning; stored metadata like location, type, and timestamp with relational schema.
- Enabled multi-user interaction with secure logins, shared pin visibility, and a summary dashboard; deployed on Vercel with shared user visibility and real-time updates via PostgreSQL queries.

APPLE

Specialist | Sep 2023 - Current

- Translating complex technical concepts into simple, user-friendly language to support customers and improve product adoption.
- Collaborated cross-functionally with technical teams and customers to troubleshoot devices and provide tailored solutions, developing a problem-solving mindset applicable to software development environments.
- Maintained detailed knowledge of Apple's ecosystem and services while adapting quickly to new products and updates, demonstrating fast learning, product-minded thinking, and attention to evolving tech landscapes.

WALT WHITMAN HIGH SCHOOL CODE CAMP

Teacher's Assistant | Jun 2018 - Sep 2018

- Introduced children aged 6–9 to basic programming concepts using visual tools like Scratch and block-based coding, fostering early tech literacy in an engaging environment.
- Provided one-on-one support to help young learners understand logic, sequencing, and problem-solving, developing clear communication and mentorship skills.
- Assisted lead instructors in managing classroom flow and tech activities, showing reliability, adaptability, and comfort explaining technical ideas to non-technical audiences.

SKILLS

Python   Javascript/Typescript   Java   SQL   GraphQL   ASP.NET   PostgreSQL   Git   Next.js   Docker