

Malik Danial

SOFTWARE ENGINEER • NORTHEASTERN UNIVERSITY

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“Be the change that you want to see in the world.”

Skills

Programming Languages	JavaScript, TypeScript, Java, Python, Bash
Human Languages	English, Urdu, Chinese
Technologies	React, React Native, Next.js, Vue (2,3), Node, Adonis, Java Spring, FastAPI, Tensorflow, PyTorch, Vite, Webpack
Databases:	PostgreSQL, MySQL, MongoDB, Firebase, Redis

Summary

Dynamic software engineer with international experience and a degree from Northeastern University. Specializes in full-stack development at AKW Consultants, creating client-tailored software to solve real work problems. Expertise in SDK design, and performance optimization. Committed to continuous learning and innovation in the software industry.

Work Experience

AKW Consultants

Dubai, UAE

SENIOR SOFTWARE ENGINEER

Oct. 2024 - Present

- Lead the development of the Druid dashboard and onboarding portal, facilitating client onboarding and compliance tracking.
- Develop and maintain full-stack applications using Vue (frontend) and AdonisJS (backend), ensuring scalability and performance.
- Collaborate closely with cross-functional teams to design and implement client-specific solutions.
- Conduct code reviews, mentor junior developers, and contribute to the hiring process.
- Perform system design, documentation, and technical research (spikes) to evaluate new tools and best practices.
- Integrate Google Apps and other third-party services as part of software solutions.

Bayt.com

Dubai, UAE · Remote

SOFTWARE ENGINEER II

Mar. 2024 - Sept. 2024

- Designed and maintained an SDK widget for seamless integration with third-party applications, expanding Evalufy's reach by 25%.
- Optimized application performance, reducing load times by 15%.
- Transitioned towards a Progressive Web App (PWA) architecture to enhance accessibility and user engagement.
- Led cross-functional team collaborations to enhance front-end and back-end synergy, improving project delivery time.

Bayt.com

Dubai, UAE · Remote

SOFTWARE ENGINEER I

Sept. 2023 - Mar. 2024

- Key contributor to Evalufy, an online platform for interviews, exams, surveys, and more, led the migration from Vue.js 2 to the latest Vue.js and Vite for enhanced user experience.
- Developed and implemented features to meet the rising demand for online evaluation tools, especially post-COVID and provide an edge over competitors.

Neusoft

Shenyang, China

FULL STACK SOFTWARE DEVELOPER INTERN

May. 2022 - Jul. 2022

- Developed a full-stack E-Learning platform called WebAcademy, enabling teachers to publish courses and students to purchase them and track their learning progress.
- Built the front end using React.js 18, TypeScript, React Query, Redux, Tailwind CSS, and Material-UI, while collaborating with the team to implement the back end using Java Spring Cloud Alibaba.
- Contributed to system architecture design, database structures, and implementation using MySQL and Spring Data JPA, learning to collaborate on large-scale projects through GitHub.

Jolta Technology DMCC

Islamabad, Pakistan

GAME DEVELOPER INTERN

Jun. 2016 - Jul. 2016

- Presented various mini-game ideas and proposals.
- Worked on mini-games similar to Flappy Bird using C and Unity.

Education

- GPA: 3.56
- Relevant Coursework: Data Structures, Algorithms, Artificial Intelligence, Machine Learning and Human-Computer Interaction.

Personal Projects

RealEnvision<real-envision.vercel.app>

- Designed and implemented an image-generation system based on the Diffusion model.
- The system offers various image generation and modification tools such as text-to-image, image-to-image, image inpainting, and super-resolution.
- Authenticated users can save and manage generated images as projects for future reusability and further modifications.
- Technologies used: React.js, Next.js, TypeScript, MongoDB, OAuth, TailwindCSS, Python FastAPI, HuggingFace, PyTorch.

WatchedThis<watched-this.vercel.app>

- Developed an application to get popular, trending movies and TV shows using TheMovieDB API.
- Allows users to track watched TV show episodes and get information on the latest episodes such as release dates.
- Technologies used: NextJS, TypeScript, MongoDB, OAuth, TailwindCSS, Serverless Functions.

MyPlaces[GitHub Link](#)

- Developed an iOS and Android application to save details about favorite traveled places such as pictures, map location, etc.
- Technologies used: React Native, TypeScript, Expo, Google Location API, SQLite, Redux, NativeWind, Native Camera API, React Navigation, Geopify API, Google Maps, Apple Maps.

SharedExpense[GitHub Link](#)

- Developed an iOS and Android application to track monthly shared expenses such as those with a roommate.
- Technologies used: React Native, TypeScript, Expo, SQLite, Redux, NativeWind, React Navigation.