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, Swift, C++, Bash
Human Languages	English, Urdu, Hindi, Punjabi, Chinese
Technologies	React.js, React Native, Next.js, SwiftUI, Node.js, Express.js, Spring Boot/Cloud, Tensorflow
Databases:	SQL, MySQL, MongoDB, Firebase, Redis
Platforms/Tools:	Heroku, Vercel, Docker, Linux, JetBrains, Visual Studio, GIT, IPython, Difinity - Internet Computer

Summary

International Software Engineering student from Pakistan, currently studying in China. A super nerd who loves learning new technologies, skills and languages. Always looking for new opportunities to grow. Works on various personal projects in his spare time, primarily using React.js, Next.js with typescript and Java Spring. Seeking to utilize broad educational background with excellent analytical, technical, and programming skills to thrive as an entry-level software engineer.

Work Experience

Neusoft   *Shenyang, China*
FULL STACK SOFTWARE DEVELOPER INTERN   *May. 2022 - Jul. 2022*

- Developed a full-stack E-Learning platform called WebAcademy, which allows teachers to publish courses and users (students) to purchase them and track their learning progress.
- Personally designed and wrote the entire front-end, 43,000+ lines, using React.js 18 Typescript, React Router Dom, React Query, Redux, Tailwind CSS and MaterialUI.
- Collaborated with team to develop back-end using Spring Cloud Alibaba.
- Designed the system architecture, database structures and implemented using MySQL and Spring Data JPA.
- Learned how to collaborate on large scale projects and contribute through GitHub.

Jolta Technology DMCC   *Islamabad, Pakistan*
GAME DEVELOPER INTER   *Jun. 2016 - Jul. 2016*

- Developed fundamental C# and Unity skills
- Learned to present various Mini-game ideas and proposals
- Developed a complete Flappy Bird game clone
- Learned to work with a schedule and time frame.

Education

NEU(Northeastern University)   *Shenyang, China*
BACHELOR OF ENGINEERING IN SOFTWARE ENGINEERING   *Sept. 2019 - Jul. 2023*

- 3.5/4.0 GPA

Personal Projects

WatchedThis   *watched-this.vercel.app*

- An application to get the 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
- Made using NextJS Typescirpt, MongoDB, OAuth, TailwindCSS

MyPlaces   *GitHub Link*

- IOS and Android application to save details about your favorite traveled places such as pictures, map location, etc.
- Made using React Native Typescript, Expo, Google Location API, SQLite, NativeWind, Native Camera API, React Navigation, Geoapify API, and Google+Apple Maps

SharedExpense
- IOS and Android application to track monthly shared expenses such as those with a roommate
- Made using React Native Typescript, Expo, SQLite, NativeWind, React Navigation

Task Organizer
- A todo application, can be used as an task organizer by creating individual pages for each task category
- Made using EJS, Node Express.js and MongoDB

Penny Juice Website Redesign
- My design and take on the famous penny juice website, to improve human computer interaction and design skills
- Made using Next.js, TailwindCSS, FramerMotion

Neusoft Cloud Factory
- Application to manage, maintain and monitor factory machinery or equipment
- Deigned using Figma, made using React.js, Material UI and Recharts
- Completely responsive and screen-reader ready.