

Zulker Nien

Full-Stack & Creative Developer | Digital Product Analyst | Building Next-Gen Web Experiences



I blend technology, design, and analysis to craft seamless digital experiences. With a Master's in Software Engineering and experience across startups and industries, I merge technical innovation with user-focused design to build impactful solutions.

My Core Skills include:

Full-Stack Development: React, Next.js, NestJS, Node.js, PostgreSQL

3D Web: Immersive experiences with Three.js & WebGL

UI/UX Design: Creating intuitive and engaging user experiences

Team & Product Management: Leading teams and driving product strategy

AI & Research: Technical analysis and AI applications in healthcare

CONTACT

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TECH STACK

Language
Javascript | Typescript

Libraries
React.js | Three.js |
Cannon.js

Frameworks
Next | Nest

ORM
Prisma | TypeORM |
Sequelize | MikroORM

Databases
PostgreSQL | MySQL

Tools
Git | Docker | ViTest |
Jest | GraphQL

EXPERIENCE

Frontend Developer

Quadque Tech Ltd. [Sep 2023 - Aug 2024](#)

- In this role, I had the opportunity to complete the CRM remaining features of its CRM project which was already in production. The UI optimization I brought was easy to use. Furthermore, I implemented the pagination feature that helped the load time of the data.
- I also lead an email marketing application from start to finish. Implementing custom mail server with roundcube. Used optimized state management with reusable component and APIs in multiple features.

Business Analyst

InsideMaps Inc. [Sep 2021 - Nov 2023](#)

- As a Business Analyst at InsideMaps, I worked with a remote team to audit and resolve project issues, boosting completion rates and reducing customer complaints. I assigned projects based on team members' skills and created detailed analytics on Google Spreadsheets for US states, which improved project accuracy and reduced delays. I also strategically scheduled rework projects based on date, error rate, and completeness, contributing to the company's success.

Javascript Developer | 3D Web developer

Upwork [Aug 2020 - Dec 2024](#)

Full Stack Developer

Avenue Solutions [Nov 2020 - Jul 2021](#)

Frontend Developer

Cerulean [Jan 2020 - Nov 2020](#)

UI/UX and Graphics Designer

Upwork & Fiverr [Aug 2017 - Dec 2019](#)

EDUCATION

MASTERS | Software Engineering - Jan 2025
United International University, Bangladesh
CGPA: 3.67

BACHELORS | Computer Science - Dec 2020
Independent University, Bangladesh
CGPA: 3.01

TRAINING

NestJS Masterclass - NodeJS Framework Backend Development
Udemy
2024 | Online

ZTM: Complete React Developer in 2023
Udemy
2023 | Online

User Stories in Agile Projects
Udemy
2023 | Online

Learn A-Frame and get ready for WebVR
Udemy
2022 | Online

Threejs Journey
ThreeJs
2020 | Online

React Typescript
Udemy
2020 | Online

Ui/Ux Certification
CodersTrust
2017 | Dhaka, BD

Living on Codes
Vantage Labs
2014 | Dhaka, BD

PROJECTS

The projects I worked on were from the following industries:
Business, Marketing, Game Development, E-Commerce, Augmented Reality, Sports, Fashion & Law.

- AR incorporated web application avatar generator for Meta Verse - [character.xyz](#) ([freelance](#))
Tech Stack: Next.js, aframe, threejs, cannonjs, typescript
- Developed a CRM Software ([QueLeads CRM](#))
- Quadque Technologies Ltd
Tech Stack: React.js, TailwindCSS, AntDesign, Laravel, Sequelize, Mysql
- Developed an Email Marketing Software ([Quemailer](#))
- Quadque Technologies Ltd
Tech Stack: Next.js, typescript, TailwindCSS, Flowbite, Nodejs, Mysql, Sequelize, Zustand
- A Sweden based enterprise ordering system for sportswear - Juniper Jersey ([freelance](#))
Tech Stack: React.js, Three.js, typescript, AWS, Springboot

More at my [GitHub](#)

RESEARCH CONTRIBUTION

1. Screening for common cancers using Ai
- [Elsevier Book Chapter](#) ([Published](#))
2. Predicting suicide risks using Machine Learning among medical students in Bangladesh
- [Masters Thesis & Journal](#) ([Completed](#))
3. Use of Artificial Intelligence in Sexual Reproductive Health & Rights
- [Systematic Review](#) ([Peer Review](#))
4. Use of Artificial Intelligence in Mental Health
- [Systematic Review](#) ([Peer Review](#))
5. Predicting suicide risks using Machine Learning among Postpartum depression patients in Bangladesh
- [Journal](#)

REFERENCES

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