Rakib Khan

Web Developer

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Email: rakibkhan314@outlook.com
GitHub: https://github.com/LombaxTech
Portfolio: https://rakibkhan.netlify.app
Location: Wales, UK (looking for remote/hybrid remote roles)

SKILLS

HTML, CSS, JavaScript (ES6+), React, Next, Vue, Node, MongoDB, Firebase, Python, Git, GitHub, BitBucket

EXPERIENCE

Think Engineer — *Full Stack Web Developer*

March 2022 - PRESENT

- Maintained, fixed bugs and created features for web application projects such as Vehicle Guardian (a web client for an IoT product which detects accidents between bikes and vans) and ThingPlatform (a web platform which allows entrepreneurs to design IoT prototypes)
- Frontend work mainly in Vue + Vuetify, backend work mainly in Node + Feathers
- Examples of new features added include payment subscription plans using Stripe, integrating real time maps using Leaflet.js and Web Sockets which display accident data, extending existing authentication systems by adding One Time Password (OTP) resets.
- Examples of fixes implemented include fixing pagination, drop down menus which were obstructed by other components, improving the design of certain existing pages such as the sign up page.
- Wrote tests in mocha to ensure new features do not break currently existing features
- Used BitBucket and GitHub to implement version control when maintaining and developing new features for projects

MyTutor — Online *Math & Physics Tutor*

September 2018 - February 2022

- Organized, planned, and delivered personalized online lessons to students studying for their A-Level & GCSE exams

Self Employed — *Math Tutor*

October 2016 - June 2018

- Worked as a self-employed local math tutor helping GCSE and KS2 students while advertising teaching services

PROJECTS

RKTutors — *https://rktutors.co.uk/ (Production) - https://rktutors-development.netlify.app/ (Test)*

Created a complete tutoring web startup (both frontend + backend) with a wide variety of features including role based authentication (tutors, students, admins), real time messaging + notifications, emails, payments, calendar bookings, video lessons and more.

Core technologies used when building include Next.js, Tailwind, Firebase Storage + Real Time DB, Express, Stripe and more.

PRAL Calculator — *https://pral-calculator.netlify.app/* – *https://github.com/LombaxTech/pralCalculator*

Developed a web app for a friend to easily calculate the PRAL (Potential Renal Acid Load) of their diet. Patients of Kidney Disease benefit from keeping their PRAL low as this reduces the stress put on their kidneys. Calculating this value by hand each time can be tedious so this app helps simplify that process.

Core technologies used include Next.js and Tailwind.

ThingPilot Platform — *https://thingpilot.com/*

Working on developing the ThingPilot platform (still due to launch) which allows entrepreneurs to easily design IoT prototypes. Platform includes a wide range of features including authentication, payments (multiple subscription plans), email notifications, and more.

Core technologies used include Vue.js, Node.js (Feathers), Stripe and more.

Personal Site — *https://rakibkhan.netlify.app* – *https://github.com/LombaxTech/newPortfolio*

Built a web app portfolio to showcase projects and allow interested people to download a copy of my CV + contact me.

Core technologies used React, Tailwind, Express and more.

SpaceshipFlyer — *https://lombaxtech.github.io/SpaceshipFlyer*

A single player game I made while experimenting with Unity. Players must make their way to the end of the level while avoiding flying oncoming obstacles. (Unity3D, C#)

EDUCATION

University of Bath — *Bachelor of Engineering in Electronics and Electrical Engineering*
09/2018 - 08/2021.