Shahriar Karim Saurov

Full-stack Developer

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Profiles

ShahSau
Github

shahriar-saurov
Linkedin

Skills

Languages
JavaScript, Python, C

Frontend
CSS3, HTML5, React, Redux, NextJS, Angular, Gatsby, Typescript, Material UI, TailwindCSS

Backend
NodeJS, Express, Django, JWT, Django REST, Firebase

Database & API
PostgreSQL, MongoDB, SQLite, Prisma, REST API, Graphql, Redis

Testing & Cloud
Cypress, Jest, Netlify, Heroku, AWS

Others
React Native, Figma, Linux, Docker, Webpack, ESLint, OpenLayers, Jenkins

Education

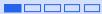**University of Helsinki**
Physics
August 2014 - July 2018
Masters of Science

Languages

English

Finnish

German

Experienced, innovative and result-driven full-stack developer with a passion for transforming complex challenges into elegant digital solutions. With a robust background in both frontend and backend development, I excel in crafting seamless, user-centric applications and troubleshooting simple/complex issues.

Experience

Grundium Oy   January, 2023 - Present
Web Engineer   Tampere, Finland

- Leading the initiative to develop cutting-edge device testing software tailored for evaluating both performance and usability metrics, we leverage a sophisticated tech stack, including React, Next.js, Express, Cypress, TypeScript, Zod, Jenkins, Recoil, and AWS, to deliver robust solutions poised to elevate standards in clean code and DRY methodologies.

- Continuously enhance and refine the functionality of our current microscope user software, integrate new features while ensuring seamless maintenance. By employing Angular, RxJS, OpenLayers, Express, MongoDB, and Jest enable smooth control over portable microscopes.

- Playing a pivotal role in the development of the forthcoming microscope user software, employing a state-of-the-art tech stack consisting of Next.js, Express, Node.js, Cypress, Jest, Recoil, and TypeScript. This involvement contributed significantly to shaping an advanced platform poised to revolutionize user experiences in portable microscopy.

Mentura Group Oy   October, 2021 - January, 2023
Software Developer   Helsinki, Finland

- Implemented software solutions aimed at optimizing network coverage and performance across TETRA, mobile, and LTE devices. Employing advanced techniques, I utilized Recoil for efficient state management and leveraged the power of RxJS to handle intricate data streams, ensuring seamless operation and enhanced performance across various platforms.

- Meticulously crafted a resilient backend infrastructure, harnessing the capabilities of Node.js and Express.js to deliver robust functionalities. Elevating user experience, I employed React.js and Material UI to create responsive interfaces.

- Integrated MongoDB, Redis and Kafka Streams for efficient data management and real-time data processing for in-depth network metric insights. Used OpenLayers to skillfully display these metrics on interactive maps. To ensure reliability, I implemented automated testing using Cypress and Jest, guaranteeing the seamless performance of the developed solutions while maintaining a high standard of quality.

Integrify   April, 2020 - September, 2021
Software Engineer   Helsinki, Finland

- As a consultant full-stack software engineer, I collaborated on diverse client projects, ensuring applications were customer-centric and exceptional. Utilizing React, Express, Jest, Redux, TypeScript, Node.js, AWS, and Terraform, I enhanced the functionality and scalability of clients' products.

- My focus was on crafting solutions that exceeded client expectations, delivering excellence in every aspect of development.

Certifications

Become a Django Developer
Linkedin
March, 2020

JavaScript Algorithms & Data Structures
freecodecamp
November, 2020

Linux OS
Kajaani University of Applied Sciences (KAMK)
March 2021

C programming
Kajaani University of Applied Sciences (KAMK)
March, 2021

Front End Development Libraries
freeCodeCamp
October, 2021

Projects

Alpha Core
🔗 https://alpha-core.vercel.app/

[Github](#)

A SASS platform depecting the power of AI. This platform uses OpenAI's GPT-3 and other AI models to generate contents.

React, TypeScript, NextJS, TailwindCSS, Prisma, Zustand, GPT-3, Clerk, Zod, Stripe, JSON, JavaScript

JobHunt
🔗 https://jobhunt-sfsp.vercel.app/

[Github](#)

A job search app based on nextjs and django.

Python, React, Nextjs, Django, Django-REST, JWT, PostGresSQL, JSON, cookie, Mapbox, JavaScript, TailwindCSS

ChitChatConnect

[Github](#)

A chatting app using react native and Django

React native, Django, zustand, django-rest-framework, django-channels, webhook, expo, JWT, redis, sqlite

Turbo
🔗 https://turbo-flax.vercel.app/

[Github](#)

The Turbo App is a user-friendly and efficient application designed and built with nextjs to simplify the process of renting and managing vehicles.

React, Typescript, Expressjs, Nodejs, i18Next, JWT, MongoDB, Prisma, Leaflet, Stripe, JSON, Zustand, JavaScript, NextJS, TailwindCSS

Primeproperties
🔗 https://prime-properties.onrender.com/

[Github](#)

It's a MERN stack webapp for an real estate agency named prime properties.

React, Express, TailwindCSS, Firebase, Redux, JWT, i18next, Framer motion, MongoDB, JavaScript

eStore
🔗 https://shop-hive-a26z.vercel.app/

[Github](#)

A full-stack e-commerce platform built with Angular, Express, and MongoDB.

Angular, Axios, Typescript, ExpressJS, NodeJS, MongoDB, Stripe, Cloudinary, JSON, RxJS, TailwindCSS, Angular Material, JavaScript, JWT