SAGAR ACHARYA

Full-stack Software Developer

I am a full stack software developer with a strong passion for bringing ideas into life through coding. With hands-on experience from several hobby projects and the motivation to learn and build more cool things, I am looking for my first professional role as software developer.

REACH ME AT

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STRENGTHS

✔ Frontend Development

✔ Backend Development

✔ UI Design

I AM FLUENT IN

✔ Modern JavaScript (EsNext)

✔ HTML5 & CSS3

✔ Reactjs & Redux

✔ Nodejs & Expressjs

✔ Typescript

✔ PostgreSQL

✔ MongoDB

✔ Figma Design

✔ RAML

EDUCATION AND CERTIFICATIONS

Metropolia University of Applied Sciences

Bachelor's in Engineering, Information and Technology
2016 - 2020

Full Stack Software Developer Certificate

University of Helsinki, Department of Computer Science

Javascript Algorithms and Data Structures Certificate

FreeCodeCamp Online

MY RECENT PROJECTS

Rostergrid Application

A web application to manage work-shift communications between managers & employees and automate shift hour calculations. It was built to be used at a restaurant in Helsinki as my innovation project and thesis.

— Led the project from idea to production.
— Created UI Designs for the application and marketing pages using Figma.
— Created relational database designs by drawing ER diagrams, in collaboration with fellow developer.
— Designed and developed RESTful APIs for features like user registration and authentication, forgot password and reset password via email, email notifications, schedules creation and manipulation, schedules data export in spreadsheet format etc.
— Created infrastructure on digitalocean for deploying API server, React App and PostgreSQL database.
— Deployed and monitored the application on the cloud.
— Leveraged Technologies:
   nodejs, expressjs, typescript, RAML, jwt, postgresql, git, docker, docker-compose, digitalocean, mailgun
— App Demo: test.rostergrid.com
   API docs: api.test.rostergrid.com/docs

Finnish immigration appointments crawler

This is another real-life project I built to solve a problem for myself, for scanning the cancelled appointments from the Finnish immigration appointment booking website.

— Used nodejs and puppeteerjs to crawl through the website
— Used Twilio SMS API to send me message for available appoinements
— Leveraged Technologies:
   nodejs, puppeteerjs, Twilio SMS API
— Code: github.com/acharyasagar/migri-appointments-crawler

Blog List App

This project was built as a part of full stack open course conducted by University of Helsinki.

— Created REST apis with features user registration, user authentication, blog creation, edit and delete etc.
— Used modern react with hooks and redux to create UI for the app
— Wrote unit tests, UI tests and end to end tests for the app
— Deployed the API server and react app to heroku
— Leveraged Technologies:
   reactjs, reduxjs, nodejs, express, jest, cypress, jwt
— Code: github.com/acharyasagar/fullstackopen/tree/master/bloglistapp
— Demo: the-blog-list-app.herokuapp.com

OTHER MINOR PROJECTS

Tab Tracker Application

- Demo: tabtraker.herokuapp.com
- Code: github.com/acharyasagar/tab-tracker