

Md Mahmood Bin Habib

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Team lead, Senior Software Engineer at Strativ AB, A data science enthusiast and a passionate problem solver.

Skills & Qualifications

- 5+ Years of web backend development experience in python and its web frameworks like Django, Flask.
- Extensive knowledge and experience in REST API & Database Design.
- 3 years experience with Docker and Containerization platforms.
- 2 years of experience in AWS ecosystem.
- 1 year experience in web scraping tools like Selenium, BeautifulSoup, Scrapy.
- 2 years of data analytics experience with python ecosystem.
- 3 years of experience in HTML and CSS.
- 2+ years of frontend/UI design experience with javascript and its UI frameworks like React, JQuery.

Tech Stack

- **Languages:** Python3, Javascript
- **Backend Frameworks:** Django, Flask, FastAPI, Django Rest framework
- **Frontend Frameworks:** React, JQuery
- **Databases:** Postgres, MySQL & MongoDB
- **Data Science Stack:** Pandas, Numpy, Streamlit, Matplotlib
- **Web Programming:** HTML, CSS
- **Other:** Docker, Selenium, Heroku, AWS, PyQT5

Work History

TEAM LEAD/SENIOR SOFTWARE ENGINEER | STRATIV AB

05/2020 - Present

Working on mainly developing Web Based Applications for different public and private organisations in Sweden. My primary involvement was with Vaccina, belongs to the group Docty AB and is a registered health care provider in Sweden. In collaboration with many of Sweden's regions, Vaccina offers sample tests and vaccination against Covid-19 (vaccination part was later extended to TBE, Influenza, Pneumonia). I, with my other team mates has developed a system, ie. a web platform and mobile app that works as a medical record system for Vaccina. I acted as the team lead of the project.

- Developed multiple medical record and management systems which serves more than 1 million customers/patients.
- Helped the company to achieve a bigger status in health care providing in Sweden. As a consequence of that, One of the biggest healthcare provider in Sweden named KRY has acquired Vaccina in 2021.
- Helped in developing a system consists of a scalable backend in the cloud, integrations with third party services and a modern and user-friendly frontend for the end users.

Main Technological Stacks used here are Python3, Django, DjangoRestFramework, PostgreSQL, JavaScript, ReactJS, AWS, Docker Containers

SENIOR SOFTWARE ENGINEER | ZEUZ AUTOMATION SOLUTIONZ

10/2019 - 04/2020

Worked as a core developer in building Zeuz Test Automation Framework. It is an all-in-one automated testing framework that manages manual + automated tests, bugs, and feature requests. It provides teams with detailed reports, bug analysis,

documentation, and wide array of examples to get you started in minutes.

- Added and extended different core modules to the framework.
- Helped to add Desktop App Testing Automation to the framework.

Main Tech Stacks were Python3, Django, Selenium, Pytest, Click, JavaScript, JQuery.

SOFTWARE ENGINEER | KINSHIP AI

01/2019 - 09/2019

I, along with four other members designed and developed this project named Kinship. This Project is about using AI to manage workers, improve productivity and be more transparent in the supply chain. It is a SAAS based product.

- Used micro-service architecture pattern when designing the core system architecture.
- I solely created two of the core five micro-services named Survey Service and Leave Service.

Main tech stacks were Python, Flask, MongoDB, Django, PostgreSQL, MongoEngine

JUNIOR SOFTWARE ENGINEER | CONCITUS

05/2017 - 10/2018

Worked on providing different web based software solutions for varieties of clients across USA, Canada and Bangladesh.

- Helped in develop a Do not call database App in collaboration with National Do Not Call Registry, USA.
- Built a content management system which was used to build and manage websites according to specific needs.

Main Tech Stacks were Python, Django, JQuery, Postgres.