Tushar Ghosh Joy

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EDUCATION

B.Sc in Computer Science and Engineering   Khulna, Bangladesh | Feb 2018
Khulna University of Engineering & Technology
Result: 3.64

WORK EXPERIENCE

BITSTRAPPED | Full Stack Software Engineer   Toronto, ON, Remote | March 2022 – Present

- Conduct effective requirements gathering in client meetings, ensuring clear communication and anticipation of client needs.
- Architect applications with sound engineering decisions, employing **VueJs(Nuxt)** for frontend, **NodeJS** for **REST APIs**, and **Python** for backend data services.
- Foster a collaborative environment by leading **code reviews**, adhering to **GitFlow** branching strategies, and effectively communicating with the team to address bugs or knowledge gaps.

CEFALO AS | Software Engineer   Dhaka, Bangladesh | Jan 2020 – Feb 2022

- Successfully collaborated with a dynamic Norwegian team on the development of a large-scale and highly scalable product.
- Led the development of **RESTful APIs**, skillfully extending features using **NodeJS**, **Express**, and **PostgreSQL**.
- Played a key role in improving features and resolving bugs on the **Single Page Application** (SPA) frontend using **VueJS** and **Vuex**.

SIGMA SOLUTIONS | Software Engineer   Dhaka, Bangladesh | April 2018 – 2020

- Spearheaded the development of automation modules for operations and maintenance of critical systems, contributing significantly to the telecom industry in Bangladesh. Additionally, developed and maintained internal **Laravel** packages.
- Implemented innovative solutions, such as interactive and notifier bots (Alarm bots, Site down bots, link down bots), an **omnichannel** customer support system with real-time ticketing and social platform integration, and an **ETL** system for data accumulation into **AWS Redshift**.

PROJECTS

VUE3-DRAG-DROP ↗   Vue3, Javascript
A drag and drop **NPM** package for data transferring via drag and drop into UI elements. It has weekly downloads of around **100+**.

MOVIE APP ↗   Vue.js, themoviedb API, NPM
This web application allows users to discover information about movies, including details like title, release date, cast, and more. The app utilizes the Free Movie Database API to fetch and display movie data.

FOOD DELIVERY APP ↗   Laravel, Vuejs, MySQL, and Vuex.
Developed a solo-integrated frozen food subscription delivery system, featuring a subscription model integrated with Authorize.Net, and managed timely server deployment and maintenance.

DNA-SEQUENCE-VISUALIZATION ↗   D3.js
This project uses D3.js to visually analyze DNA sequences, emphasizing patterns associated with specific cancer types. It provides an interactive tool for researchers, leveraging D3.js for insightful data visualization in cancer detection.

SKILLS

Languages: PHP, Node.js, JavaScript, HTML, CSS, SQL, C++, GoLang.   **Frameworks:** Laravel, Express.js, Vue.js, Nuxt.
Tools: Redis, Docker, IntelliJ, Vim, ClickUp, Slack.   **Technology:** Git, AWS, GCP, Azure, Docker, LaTeX