Md Mosharaf Hossan

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🧠 Skills

Programming Languages
PHP, Javascript, Typescript, Python, SQL

Frameworks/Libraries
Laravel, Vue.js, Vuex, Node.js, Express.js

Databases
MySQL, PostgreSQL, MongoDB

Tools
Git, Redis, Docker, Docker Swarm, Jira

**Cloud/DevOps**
AWS, CI/CD pipelines

Operating Systems
Linux, MacOS

💼 Professional Experience

Mid-Senior Software Developer, *Nimble* ⧉   05/2023 – 07/2023 | Thailand
- Initiated development of a web scraping tool ⧉ utilizing CI/CD pipelines through Github Actions.
- Contributed over **400 lines** of code in Nimble's optimized Rails Templates ⧉ repository with over 100 stars.

Senior Software Engineer, *Sigma Solutions* ⧉   02/2021 – 04/2023 | Bangladesh
- Automated Service Operation Center monitoring for a telco with **56M+ subscribers** to enable near real-time base station status updates and automated traffic fault detection. Reduced operational cost by **$30K** per month. Used Skills: Laravel, Livewire, Vue.js, MySQL, Python, Redis
- Built **RESTful APIs** for Smartcomm ⧉ , a **SaaS**-based omnichannel customer query management system. Used Skills: Laravel, Vue.js, Redis, PostgreSQL
- Spearheaded a WebDriver-based UI automation overhaul for telco node management portals, slashing user management time by 50%. Used Skills: Webdriver, Laravel, Vue.js, Redis, MySQL.

Software Engineer, *Sigma Solutions* ⧉   03/2019 – 01/2021 | Bangladesh
- Redesigned UI, integrated payment gateway, and developed RESTful APIs for Pixmama- a stock photo marketplace with over **80K** photos. Reduced response time by around **15%** using caching and indexing techniques. Used Skills: Angular, Laravel, Express.js , MySQL, Elasticsearch, Redis, S3

Software Engineer, *Hyper Systems* ⧉   04/2018 – 02/2019 | Bangladesh
- Built RESTful APIs for myRADAR ⧉ , a GPS-based vehicle tracking system with **2k daily active devices** generating around **1M data** each day. Improved refuel detection efficiency by around **10%**. Used Skills: Laravel, Vue.js, MongoDB, Pusher

🎓 Education

Idaho State University, *Master of Science in Computer Science*   08/2023 – 01/2025
Pocatello, Idaho, United States

Khulna University of Engineering & Technology,   12/2013 – 03/2018
Bachelor of Science in Computer Science & Engineering   Dhaka, Bangladesh

⌨ Open Source Contribution

- Contributed to the 600+ starred Laravel Kafka ⧉ and co-created NGX Light Color Picker ⧉ .