Md. Shahidul Islam
Software Engineer

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⚲ Current Location : Malé, Maldives

📖 Professional Summary

A reliable, energetic, and research-oriented software engineer with over 4 years of experience in web application development. Expertise in Laravel, MySQL, and Python. Proven ability to develop challenging projects within the timeline, increase customer satisfaction, research & analysis, and maximize profits.

☰ Skills

Languages :	PHP, Python, JavaScript, C, C++, Java, HTML, CSS
Frameworks :	Laravel, Vue.js, Bootstrap
Database :	MySQL, SQLite3
Testing :	PHPUnit, Selenium, Postman API testing
Operating Systems :	Windows, Ubuntu
Servers :	Apache2, Nginx
Others :	Latex, Android Studio, Unity, Jupyter Notebook, Microsoft Office (Word, Excel, PowerPoint), Moodle development

💼 Professional Experience

August 2019 Present	**Computer Programmer, Villa College, Malé, Maldives** **Projects :** ❯ Employee Performance Appraisal System ❯ Admission System ❯ Single Sign-On (SSO) Server [using JWT and HMAC] ❯ Student Request Management System ❯ Result and Grade-sheet & API for Student Management System ❯ Door Access & Staff Attendance and Payroll System ❯ Villa College Student Store (Book shop) & Payment Gateway Plugin (Bank of Maldives) ❯ Virtual Staff Lounge ❯ ICSRI Conference 2021 Website ❯ Villa College Convocation 2021 Website ❯ IDRC Research Website ❯ Role Based Access Control (RBAC) package for Laravel

🎓 Education

2019-2021	**Master of Science** in Computer Science and Engineering, Khulna University, Khulna - 9208, Bangladesh
2015-2018	**Bachelor of Science** in Computer Science and Engineering, Khulna University, Khulna - 9208, Bangladesh
2012-2014	**Alim** (HSC equivalent), Tamirul Millat Kamil Madrasah, Dhaka - 1204, Bangladesh
2010-2012	**Dakhil** (SSC equivalent), Sarsina Darussunnat Kamil Madrasah, Perojpur - 8521, Bangladesh

🌐 Languages

Bangla	Native speaker
English	Professional working proficiency
Arabic	Limited working proficiency

★ Awards

2020	Villa College Staff Excellence Awards : Excellence in Customer Service
2017	Champion, Programming Contest, KU CSE FEST-2017

🏛 Publications

2020 **Islam, Md Shahidul**, and Md Rafiqul Islam. "A hybrid framework based on genetic algorithm and simulated annealing for RNA structure prediction with pseudoknots." Journal of King Saud University-Computer and Information Sciences (2020).

2019 Islam, Md Rafiqul, **Md Shahidul Islam**, and Nazmus Sakeef. "Rna secondary structure prediction with pseudoknots using chemical reaction optimization algorithm." IEEE/ACM transactions on computational biology and bioinformatics (2019).

2019 **Islam, Md Shahidul**, and Sarfaraz Newaz. "Detection of Safe Angle for Water Vehicles due to Vulnerable Swing." In 2019 1st International Conference on Advances in Science, Engineering and Robotics Technology (ICASERT), pp. 1-6. IEEE, 2019.

👥 References

References will be provided upon request.