

# Shaoun Chandra Shill

Junior Software Engineer

Location: Dhaka, Bangladesh

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Portfolio: [shaoun18.github.io](https://shaoun18.github.io)

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GitHub: [/shaoun18](https://github.com/shaoun18)

## Summary

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Aspiring **Software Engineer** with expertise in Full Stack Web Development (**Laravel, Vue.js, PHP, MySQL, WordPress**) and Machine Learning. Strong foundation in software engineering, problem-solving, and optimization. Experienced in documentation, API development, and collaborative teamwork. Passionate about leveraging skills to contribute to innovative projects.

## Education

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- **M.Eng. in Computer Science and Engineering** Dhaka, Bangladesh  
*BRAC University* May 2023 – Present  
CGPA – 3.32 / 4.00
  - Courses: Advanced Natural Language Processing, Neural Network and Fuzzy System, Graph Theory, Distributed Computing System, Advanced Syntactic Pattern Recognition, Symbolic Machine Learning etc.
- **B.Sc. in Computer Science and Engineering** Dhaka, Bangladesh  
*Stamford University Bangladesh* Jan 2018 – July 2022  
CGPA – 3.57 / 4.00
  - Achieved a 3.8 average CGPA over the last 6 semesters, with a perfect 4.0 (1st place) in the 10<sup>th</sup> semester and 3.9 (2nd place) in the 11<sup>th</sup> semester.
  - Courses: Software Architecture, Data structures & Algorithms, DBMS, Operating Systems, Computer Networking, Linear and Abstract Algebra, Data mining and Knowledge Discovery, ML, AI etc.

## Work Experience

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- **Junior WordPress Developer** Dhaka, Bangladesh  
*bitBirds Solutions* June 2025 – present
  - Built and maintained client websites with custom WordPress plugins, ensuring cross-browser compatibility and responsive design.
  - Improved website security by configuring firewalls, managing SSL certificates, and monitoring for vulnerabilities.
  - Automated routine tasks (backups, updates, monitoring) to reduce manual maintenance and downtime.
  - Assisted in migrating websites from other CMS platforms to WordPress, ensuring data integrity and minimal downtime.
- **Software Engineer** Dhaka, Bangladesh  
*ZettaByte Technology Incorporation* Nov 2024 – April 2025
  - Integrated WordPress-based applications with third-party services (payment gateways, analytics, and CRMs) to extend platform functionality.
  - Implement custom APIs and validated endpoints with Postman, reducing backend integration errors by 30%.
  - Optimized site performance and scalability through caching, query optimization, and load testing, boosting load speeds by 40%.

## Technical Skills

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**Languages:** PHP | JavaScript | Python | SQL | HTML | C/C++

**Framework:** WordPress | Laravel | Vue.js | Tailwind CSS

**Developer Tools:** Git | Visual Studio Code | PhpStorm

**Machine Learning Technologies:** Pandas | NumPy | Scikit-learn | PyTorch | TensorFlow

## AI Research and Project Experience

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- **Form Plugin Development** [Live Link](#)
  - Built a custom WordPress form plugin with multi-language support (English, Chinese), dynamic layouts, and API integration (Pipedrive CRM). Includes authentication, custom post types, shortcodes, and modular asset management for scalability.
  - **Technology:** PHP | MySQL | JavaScript | jQuery | AJAX | Metadata Authentication | pipedrive-api
- **Erp Plugin Development** [Live Link](#)
  - Developed a custom WordPress ERP plugin for managing essential business processes such as **HR, CRM, and Accounting**. Features include employee management, customer relationship tracking, and financial reporting with role-based access control. Implemented notifications, audit logs, and data export functionality, ensuring Scalability and user-friendly interfaces for non-technical users.
  - **Technology:** PHP | React.js | MySQL | REST API | JavaScript | jQuery | AJAX | Role-Based Access Control | Admin Dashboard Customization
- **Cross Browser Performance Evaluation of Machine Learning Models** [Running](#)
  - Conducted experiments to evaluate the performance of machine learning models across multiple web browsers. Focused on execution time, resource usage, and accuracy trade-offs to identify browser-specific optimizations
  - **Technology:** TensorFlow.js | ONNX.js | Scikit-learn | JavaScript | Python

## Certification

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- Oracle Certified Professional, Java SE 8 Programmer II | [Sololearn](#)
- Cleaning Data in Python | [DataCamp](#)
- Feature Engineering for Machine Learning in Python | [DataCamp](#)
- Machine Learning for Time Series Data in Python | [DataCamp](#)
- Machine Learning with Tree-Based Models in Python | [DataCamp](#)
- Unsupervised Learning in Python | [DataCamp](#)

## Professional Training

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- **Full Stack Laravel & Vue.js Web Development**

I have successfully finished the Laravel & Vue.js course from [BITM](#). Learned the latest technology of Laravel and Vue.js and did an e-commerce project from there.

My teacher was [Habibur Rahman](#) Sir (Software Engineer and Trainer at BITM) to complete this course.
- **Mobile Application Development – Android**

I have successfully finished the Java & Android course from [PencilBox Training Institute](#). Learned the latest technology of Android and did an Android project from there.

My teacher was [Syed Tanvir Ahmed](#) Sir (Software Engineer and Trainer at PencilBox) to complete this course.

## Reference

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### Habibur Rahman

Trainer

Basis Institute of technology & Management

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