

# SHAOUN CHANDRA SHILL

## Software Engineer

Location: Dhaka, Bangladesh

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## SUMMARY

Aspiring **Software Engineer** with expertise in Full Stack Web Development (**Laravel, Vue.js, PHP, JavaScript, 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

- M.Eng. in Computer Science and Engineering** Dhaka, Bangladesh  
*BRAC University* May 2023 – Nov 2025  
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

- Junior WordPress Developer** Dhaka, Bangladesh  
*bitBirds Solutions* June 2025 – October 2025
  - 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 Internship** Dhaka, Bangladesh  
*bitBirds Solutions* Nov 2024 – May 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

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

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

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

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

## LEADERSHIP & SOFT SKILLS

- Strong analytical and problem-solving skills with sound decision-making.
- Experienced in preparing technical and compliance documentation for audits and project tracking.
- Skilled in coordinating with teams, vendors, and clients to ensure accurate financial and project documentation.
- Leadership in organizing and supporting CSR initiatives, team events, and cross-functional communication.

## AI RESEARCH & 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
- **E-Commerce Web Application** [GitHub Link](#)
  - A full-featured e-commerce web application that users can log in and Sign Up for his/her account. Users can browse products by category, view details, zoom images, and add items to the cart. Users can increase or decrease the quantity of those products. Users finally checkout and confirm orders with his/her details. Users confirm orders in cash on delivery or online payment. Use Middleware for security purposes.
  - **Technology:** PHP | Laravel MVC | MySQL | Jetstream Laravel authentication in admin | Middleware | JavaScript | jQuery | AJAX | Email sending | Invoices | download invoices | form validation | Add to Cart | In stock | Out of Stock | SSLCOMMERZ (payment-gateway).

## CERTIFICATION

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- Java SE 8 Programmer II | [SOLOLEARN](#)
- Networking and Cyber Security | [SKILLJOBS](#)
- 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](#)
- Data Science and Machine Learning for Beginners | [SKILLJOBS](#)

## 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 features of Laravel and Vue.js and built an e-commerce project.

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.

## EXTRA CO-CURRICULAR ACTIVITIES

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- **Stamford Yes Member** Dhaka, Bangladesh

*Transparency International Bangladesh (TIB)* *April 2018 – October 2020*

  - Actively engaged in initiatives promoting transparency and accountability, collaborating with teams to organize awareness programs and community-driven activities.
  - Contributed to leadership workshops and youth engagement programs, strengthening teamwork, communication, and organizational skills.

## REFERENCE

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### Habibur Rahman

Trainer

BASIS Institute of Technology & Management

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