SHAON MAJUMDER
Software Engineer

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PROFESSIONAL SUMMARY
Senior Software Engineer with 7+ years of expertise in designing scalable API, and leading microservices-based architectures for high-traffic platforms serving 200M+ users. Experienced in collaborating with international clients and Agile development. Passionate about clean code, industry best practices, and solving complex backend challenges.

EXPERIENCE 7 year

Software Engineer, Portonics Limited | Mar 2024 - Now
- Optimized high-traffic Laravel applications, reducing **API response time by 40%** for **200M+ users**.
- Scaled push notifications with analytics serving millions of users.
- Integrated insurance with pack purchase for **Telenor Myanmar**.
- Developed monitoring dashboards, reports, Game Toh Toh United profiles.
- Contributed to **ATOM**'s 100-day rebranding, earning Digital Initiative & Telecom Company of the Year at Asian Telecom Awards 2025.
- Built Myanmar's first gaming platform, Let's Play Arena, (GameShop user profiles, transaction history) using Vue.js.

Executive Software Engineer, BYSL | Oct 2021 - Feb 2024
- Built a ReactJS-based 2D image gallery library, improving bulk garment item image uploads for **illiyeen**.
- Contributed to microservice architecture, improving the scalability and maintainability of applications.
- Enhanced vehicle driver-path-history map accuracy by 80% using optimized filters, improving operational efficiency for the logistics platform **kxtransports.com**.

Full Stack Developer, Globalpay Fintech Ltd. | Dec 2020 - Feb 2021
- Developed an **ML-powered content tagging system** for a video-sharing platform, improving discoverability by 99%.

Data Analyst, Machine Learning Intern, Rokomari.com | Feb 18- Mar 20
- Automated business process(BDD), reducing **manual effort by 50%**.
- Developed **data scrapers** and analytics dashboards.

Project Manager IOT, Eragon R&D GmbH | May 2018 - July 2018

Cofounder & Roboticist Software Engineer, Robist.com | Feb 2016 -18

EDUCATION
MSc of Computer Science
Jahangirnagar University | 2023 - 24 | CGPA: 3.21
BSc of Mechatronics and Robotics Engineering
World University of Bangladesh | 2016 - 22 | CGPA: 3.45

RESEARCH PAPER
1. Study on the real-time IOT Weather Dashboard With Adv. Security And Filtering
2. Design and Development of RFID-Based Restaurant Management System: The Case of a Conveyor Belt Operated Hygiene Maintained Fast Food Restaurant

TECHNICAL SKILLS
- Languages: PHP, JavaScript, Python
- Backend: Laravel, Slim, FlightPHP, NodeJs, Express
- Frontend: ReactJs, Vue, Next, Bootstrap, MUI
- Databases: MySQL, PostgreSQL, Redis.
- Message Brokers: Kafka, RabbitMQ
- Logging & Monitoring: Elasticsearch, Kibana, Logstash, AppDynamics
- Code Quality: Sonarqube, Unit Testing, Linter
- Containerization: Docker, Kubernetes
- CI/CD: Git, Jenkins, Github Actions
- Performance & Testing: JMeter
- Cloud Services & Mobile Development: Firebase (Push Notification, Log Events, Analytics)
- **Hardware**: MCU, Arduino, Raspberry Pi, PLC.
- **Other Tech Keywords**: API Gateway, Websocket, OTP, Encryption, SSL, Attendance Device ZKTeco, CMS, Charts, RESTful APIs, Third-party API integration, attendance system with QR, browser fingerprint, and location bound etc.

CODING PROFILES
- UVA
- LeetCode(26)
- HackerRank(82)
- CodeChef(129) Rank1

CERTIFICATIONS & ACHIEVEMENTS
Details
- **Lifetime Assoc. Member**, ID: AM15903, Bangladesh Computer Society
- 12th Place, National Astronomical Olympiad 2013
- Champion, Notre Dame Science Fest 2013 (IT Senior)
- Runner-up, National Robotics Festival 2014 (Line Following Robot)
- Champion (Rubik's Cube), WUB Annual Sports Week 2016

AUTHORED & OPEN SOURCE LIBRARY
Microservice-utility, cors, json-api-response, sanctum-faster, convert-form-data, log-viewer, driver-path-history, image-gallery-uploader, reconium, portlisten, elastic-call, ml-search, ssl-make

OTHER CLIENT PROJECTS
Reverse-braking differential algorithm, Drone Landing Stabilization, Hopping Solar Robot, Triac-based AC PWM control, Thief Detector, Railway-track Animal detection, Multifunctional Navigation Robot, Home IOT Dashboard, Water pump switch relay net