Md Aminul Islam

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Profile

Full Stack Developer committed to creating flawless digital experiences from idea to execution. Skilled in turning difficult problems into simple solutions by means of cooperative effort. Dedicated to providing user-oriented design and clean, efficient code in high-performance applications.

Technical Skills

Programming Languages: JavaScript, TypeScript, Python, C#, PHP, SQL, Bash

Frontend Technologies: React.js, Next.js, Angular, HTML5, CSS3, Tailwind CSS, Electron

Backend Technologies: Node.js, Express.js, NestJS, FastAPI, NGINX

Automation & Scripting: Bot Development, Web Scraping, Selenium, Puppeteer

Desktop Applications: Windows Forms, WPF, .NET, Electron, Qt

Databases: MongoDB, SQL (MySQL, PostgreSQL), DynamoDB

Cloud & DevOps: AWS (EC2, S3, Lambda, DynamoDB), Google Cloud, Azure, CI/CD (GitHub Actions, Jenkins), Docker, Kubernetes

Tools & Platforms: Git, Linux, Kafka, Apache Spark, Postman

Work Experience

Pixmatech Ltd, Dhaka   Dec 2024 - Present

Full Stack Developer

- Built 12+ websites (e-commerce, agency portals) using Nextjs/Vue.js & Node.js/NestJs.
- Developed email systems handling 10K+/hour with 98% validation accuracy.
- Optimized Linux servers (LAMP/LEMP), improving uptime to 99.99% & cutting costs 40%.
- Created management tools automating workflows, saving 20+ hours weekly.
- Linux, Zookeeper, Postfix/SMTP, Git, Splunk, Apache/Nginx, Docker.

Mediacom Limited (Square Group), Dhaka   Nov 2018 - Oct 2024

IT Administrator & Full Stack Developer

- Managed IT infrastructure (Windows/Linux) ensuring 99.95% uptime for 150+ users.
- Developed custom web apps (React/Node.js) that automated workflows, reducing operational delays by 35%.
- Migrated email systems to Microsoft 365, cutting spam by 85% and support tickets by 60% 50TB+ storage systems, achieving 100% data integrity and $8K annual savings.

Z-Back System, Dhaka   Aug 2017 - Aug 2019

Back End Developer

- Built high-performance email platform (Postfix/Node.js) handling 50K+ daily emails with 99.8% deliverability.
- Created admin dashboard (React) reducing IT workload by 40% through self-service tools.
- Cut costs 35% via AWS SES integration and optimized queues (92% faster delivery)
- Enhanced security with DKIM/DMARC/SPF, reducing spam flags by 70%

Education

sonargaon university   Feb 2019 - Dec 2023

B.E. in Computer Science and Engineering

Data Structures & Algorithms, Database Management Systems, Operating Systems, Web Development, Computer Networks, Software Engineering, Cloud Computing

Project Work

- **Smart Email Auto-Responder (2019):** Developed an AI-driven email response system using Node.js and Postfix, reducing average reply time by 90% with NLP-based categorization.
- **Inventory-Managed E-Commerce Platform (2020):** Built a full-stack online store (React + Node.js) with real-time stock synchronization, cutting overselling errors by 80%.
- **Multi-Tenant SaaS Dashboard (2022):** Created a scalable business analytics platform (Python/FastAPI + React) serving 150+ clients with isolated data environments.
- **Automated Lead Generation Scraper (2023):** Engineered a high-performance web crawler (Python/Scrapy) delivering 5,000+ qualified leads/month with 95% data accuracy.