Kazi Mostofa Sakin

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Professional Summary

Detail-driven 3rd-year Computer Science student with hands-on experience in full-stack development, automation, and machine learning. Skilled in building secure, scalable applications using Java, Python, Next.js, and Docker. Strong in backend logic, cloud integration, and system optimization. Known for analytical thinking, clear communication, and delivering results in fast-paced environments.

Skills

Technical Skills:
- Programming & Scripting: Java, JavaScript, Python, C, PHP, SQL
- library & Frameworks: Apache POI, Log4j, React, Node.js, Flask, Django, FastAPI, HTML, CSS
- Cloud & DevOps: Docker, Jenkins, Git, GitHub, Render, Vercel, Linux CLI, Maven
- Testing & Automation: Black Box Testing, Functional & Non-Functional Testing, Selenium WebDriver, TestNG, JUnit

Tools:
- Project & Team: Eclipse, VS Code, Maven, Jira, Trello, Microsoft Office, Google Workspace
- UI/UX & Design: Figma, Adobe XD, Photoshop, Illustrator, Premiere Pro, design Principals

Soft Skills:
- Strong attention to detail, quick learner, and proactive in identifying and solving problems.
- High-energy, proactive team player with sharp analytical and presentation skills.

Major Projects

Wildfire Detection System | *Java, JavaFX, Data Structures, Real-time Visualization*, **GitHub**
Technical Lead, Introduction to Software Engineering, Academic Project
- Created a 16×16 map UI to view weather metrics (temp, humidity, wind, dryness) using JavaFX and lat/lon grid.
- Implemented a buffered Data Loader with linear filtering; created a Time Slider for 24-hour forecasts, validated using JUnit, and enhanced a heatmap for coordinate-based evacuation planning.

SMS Spam Classifier | *Machine Learning, Pandas, Render.com, Docker*, **GitHub, Live View**
- Developed an SMS classifier for 11,000+ messages using regex-based text preprocessing, with F1-score of 0.94.
- Deployed containerized web app using Docker and Render.com with responsive frontend for real-time detection.

Case Management System | *Automation, Next.js, RESTful API, OpenAI API, PostgreSQL*, **GitHub, Live View**
- Built an automated system using OpenAI API to categorize user problems into categories, with real-time status updates.
- Designed a real-time Case Statistics Dashboard to visualize total, resolved, and pending cases with 5 category, priority, and daily breakdown charts using PostgreSQL queries and dynamic chart components for actionable insights.

Leadership and Volunteering

ROBOFLIGHT, *Web Developer* | **WordPress (Live) & Next.js (In Development)**   Dec 2023 – Dec 2024
- Created a responsive WordPress website using custom PHP plugins, themes, and CSS for layout styling.
- Redeveloped with Next.js, using React components and server-side rendering for login, registration, reset password, 5+ API endpoints, and enhanced UI with JavaScript event handlers and CSS animations for three device sizes.

Bangladesh Student Society UNB, *Webmaster* | **GitHub**   Dec 2023 – Oct 2024
- Developed a secure voting system by customizing WordPress with PHP/MySQL, enabling 100+ members to vote; collaborated with faculty to validate platform integrity and user guide.
- Implemented 2FA email validation for secure voting access using PHP hooks, applying a 30-minute token limit after failed attempts and triggering automated confirmation emails upon successful submission.

Certifications and Awards

Bangladesh University of Professional Economics Club, *R Programming Boot Camp*   2023

Softech-IT, *Advanced WordPress Development*   *2018*

Education

University of New Brunswick, *Fredericton, NB*   Jan 2023 – Dec 2026

Relevant Coursework: Introduction to Programming (Java I & II), Data Structures and Algorithms, Introduction to Databases, System Software Development, Introduction to Software Engineering, Machine-Level Programming.

Work Experience

Manager – Customer Escalation Team [Part-time]   May 2025 – July 2025

IO Solutions, Fredericton, NB

- Managed 5-10 daily escalations for Rogers/Fido (network, billing, device issues), resolving 90% on first contact.
- Coached agents on escalation protocols and effective communication, boosting team efficiency.
- Analyzed telecom datasets with 1,000+ records to identify fault patterns, improving fault resolution strategies.

Customer Care Specialist [Part-time]   May 2023 – April 2025

IO Solutions, Fredericton, NB

- Supported 20+ daily customer inquiries, delivering resolutions with empathetic communication.
- Achieved highest sales performance in the team for two consecutive periods by identifying and converting wireless plan upgrades and service add-ons, increasing team revenue.