

# Kazi Mostofa Sakin

Fredericton, NB | kazisakin@icloud.com | +1 (506) 282-1327 | kazisakin.dev | linkedin.com/in/kazisakin

## Skills

---

**Languages:** Java, JavaScript, Python, C++, SQL, PHP, C#.

**Frameworks and Libraries:** React, Next.js, Node.js, Express.js, Tailwind CSS, Flask, Django.

**DevOps Tools and Cloud Platforms:** Docker, Git, Jenkins, AWS, Firebase, Heroku, Railway, Vercel, Netlify.

**Machine Learning & Data Science:** TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn.

**Algorithms & Models:** Logistic Regression, Decision Trees, Random Forest, Neural Networks.

## Education

---

**University of New Brunswick**

Bachelor of Computer Science

Fredericton, New Brunswick

January 2023 – December 2026

**Relevant Coursework:** Java, Data Structures and Algorithms, Database Systems, Discrete Mathematics, Graphic Design.

## Major Projects

---

**UNB BSS Secure Voting Platform** | WordPress, PHP, MySQL, Github

October 2024

- Automated the UNB BSS election process with a secure WordPress-based platform, ensuring 100+ users a seamless experience while conducting Vulnerability Assessment and mitigation strategies.
- Fortified platform security by implementing email-based authentication and token access control, preventing unauthorized logins with a 30-minute cool down after two failed attempts.
- Collaborated with faculty and student committee members to engineer a real-time voting dashboard, securing election data across 10+ categories and creating comprehensive documentation for future use.

**SMS Spam Classifier** | Python, Flask, Pandas, Scikit-learn, Github, Live View

January 2024 – Present

- Built an SMS spam classifier, preprocessing 11,000+ messages and achieving an F1-score of 1.00 through fine-tuned Logistic Regression, KNN, and Decision Trees using Python and Machine Learning.
- Integrated user feedback system, enabling rigger self-learning after 50+ feedback to enhance model accuracy.
- Conducted a literature review on existing SMS spam detection techniques, setting up a controlled environment and deployed on Railway, ensuring 99% uptime and real-time detection.

**URL Shortener** | Python, Flask, Pandas, Scikit-learn, Github, Live View

February 2025 – Present

- Created Flask URL shortener with SQLite, supporting 56B+ URLs via base62 encoding, adding authentication and analytics to meet scalability needs and enable 56B+ URLs.
- Implemented analytics for 100+ clicks using Chart.js and ip-api.com API with CSV exports, addressing user insights demand by processing click data efficiently.
- Designed responsive UI with Bootstrap, Chart.js, dark mode, and QR codes for enhanced engagement, fulfilling intuitive interface requirements.

**Travel Suggestion Web App** | Next.js, Tailwind CSS, APIs, Github

January 2024 – Present

- Deployed travel planning platform using Next.js ensuring 100% uptime and seamless experience for 200+ users.
- Promptly Managed 100+ API calls per minute, and minimized failures through caching and failover strategies.
- Integrated machine learning algorithms, including a decision tree-based model, to analyze real-time travel data and provide personalized recommendations.

## Work Exprience

---

**Customer Service Representative**

May 2023 – Present

IO Solutions, Fredericton, NB

- Resolved 15+ daily technical issues related to network connectivity and device setup, increasing customer satisfaction scores by 20% based on post-interaction surveys; became go-to expert for escalated issues.
- Delivered expert support for 50+ products, addressed complex inquiries, and drove 3+ daily sales.
- Managed migrations across Fido, Rogers, Cityfone, and Shaw, reducing downtime by 3 hours weekly for 40+ clients.
- Resolved 90% of customer inquiries on first contact, addressed complex billing and technical issues, and received commendation as the 'Most Knowledgeable Representative'.

## Fullstack Developer

May 2023 – Present

*RoboFlight, Fredericton, NB*

- Deployed the company's first production website using Next.js, MongoDB, and Typescript, serving over 500 users with a 99.9% uptime and reducing load times from 5 seconds to 3 seconds.
- Designed an interactive user dashboard with course registration, secure payment processing, and real-time analytics.
- Managed migrations across Fido, Rogers, Cityfone, and Shaw, reducing downtime by 3 hours weekly for 40+ clients.
- Established an automated CI/CD pipeline with Vercel, reducing deployment time from 2 hours to 1 hour and enabling zero-downtime releases in an agile environment.
- Engineered a comprehensive admin backend for content management and user administration, reducing manual processes from 10 hours per week to 7 hours and improving operational efficiency by saving 5 hours weekly.

## Leadership and Volunteer

---

### Webmaster

December 2023 – October 2024

*Bangladesh student Society, UNB*

- Built the first WordPress website, enhancing accessibility for 150+ members while collaborating with faculty.
- Integrated member registration, login features, and a user dashboard, streamlining website and social media management for 150+ active members.
- Implemented online voting system and optimized event registration, reduce manual effort and increased participation.