

# A. S. M. Farhan Kabir Redoy

Full-Stack Developer | AI Enthusiast

 farhankabir133@gmail.com

 +880-1783165726

 <https://linkedin.com/in/farhan-kabir-142634198>

 <https://github.com/farhankabir133>

 <https://farhankabir.web.app>

 Kazla, Rajshahi, Bangladesh



## PROFILE

Full Stack Developer passionate about crafting scalable, user-centric web applications. Skilled in React, Node.js, Python, and cloud integrations, I blend technical expertise with creative problem-solving to deliver intuitive interfaces, resilient backends, and AI-driven solutions. Experienced in API architecture, database optimization, and turning complex concepts into seamless digital experiences.

## EXPERIENCE

### Web Developer

**Auto Spark, Rajshahi, Bangladesh**

 April 2024 – Present

- Boosted mobile usability and site speed by 30% through responsive, cross-browser development.
- Strengthened front-end features while supporting scalable back-end logic using modern frameworks and clean architecture.
- Optimized website security and performance through strategic code refactoring, secure data handling, and vulnerability mitigation.

### Full Stack Developer (Remote)

**Hire My Tech, Dhaka, Bangladesh**

 Aug 2022 – July 2023

- Engineered and deployed full-stack web applications with React.js, Node.js, and Express.js – reducing feature rollout time by 40%.
- Designed intuitive and accessible UIs that significantly improved user satisfaction and engagement metrics.
- Authored internal documentation and actively collaborated across teams to ensure efficient onboarding and consistent project delivery.

## EDUCATION

### B.Sc. in CSE

**Rajshahi University of Engineering & Technology (RUET)**

 2018 – 2022

 73.75%

### HSC

**CPSCR, Rangpur**

 2016 – 2017

 100%

### SSC

**TGBHS, Thakurgaon**

 2014 – 2015

 100%

## PROJECTS

### University Projects

**Chat-Room**

**HTML, CSS, JavaScript, Node.js**

- Created a real-time chat application using Socket.IO supporting multi-user communication.
- Developed responsive design and dynamic messaging features for seamless user experience.

### Object Detection

**Python, OpenCV**

- Implemented computer vision algorithms to detect and classify objects in real-time.
- Designed and developed applications for surveillance and robotics with live video analysis.

### Personal Portfolio Website

**HTML, CSS, JavaScript, GitHub Pages**

- Built a responsive personal portfolio website showcasing projects, skills, and contact information.
- Hosted the site on GitHub Pages for easy access and continuous deployment.
- Visit: <https://farhankabir133.github.io/fkhub/>

### Personal Projects

**AlterMail – Disposable Email as a Service (SaaS)**

**React, Node.js, Express, REST API, MongoDB**

- Currently developing a privacy-focused SaaS platform to generate disposable email inboxes without requiring sign-up.
- Implementing robust REST APIs to support developer integrations for test automation and anonymous communication.
- Prioritizing scalability, spam/phishing resistance, and seamless UX for a lightweight, modern web experience.
- Leading frontend development with React, crafting responsive layouts, smooth state management, and real-time inbox updates.

### EmoSense – Emotion Detection from Text

**Python, Flask, NLP, React, HTML/CSS**

- Building a web-based tool to detect emotions in user-entered text using advanced NLP and ML models.
- Designing the system to recognize multiple emotional tones including happiness, sadness, anger, fear, and surprise.
- Focusing on a clean UI and intuitive workflow to support use cases for content moderation, research, and sentiment analysis.
- Developing a dynamic React-based frontend with interactive components, real-time results rendering, and accessible design principles.

## TECHNICAL EXPERTISE

- Frontend: React, HTML5, CSS3, JavaScript (ES6+), Redux, Material-UI, Tailwind, Figma, Framer.
- Backend: Node.js, Express.js, Django, Flask, REST APIs, GraphQL, JWT-based authentication.
- Mobile Development: Flutter cross-platform apps with Firebase, native Android/iOS UI/UX design.
- CMS: WordPress customization using Elementor, custom themes, SEO, and optimization.
- Databases: MySQL, PostgreSQL, MongoDB, schema design, indexing, security, and backups.
- SEO: On-page/off-page SEO, keyword research, content optimization, Google Analytics.

## SOFTWARE SKILLS

- Version Control: Git, GitHub
- Development Tools: Visual Studio Code, Docker, Jenkins
- LaTeX: Overleaf.com
- Design Tools: Canva, Figma, Adobe Photoshop, Adobe Illustrator
- Video Editing: Adobe Premiere Pro, Davinci Resolve, Final Cut Pro, VN
- Platforms: macOS, Windows, Linux

## RELEVANT COURSES

- Data Structures, Algorithms, Database Management Systems, Operating Systems
- Software Engineering, Computer Networks, Network Security, AI, Data Mining
- Digital Signal Processing, Digital Image Processing, VLSI Design

## PUBLICATIONS

- F. Kabir, M. A. Hossain, A. F. M. Minhazur Rahman, and S. Z. Mishu, "Depression Detection From Social Media Textual Data Using Natural Language Processing and Machine Learning Techniques," 26th Int. Conf. on Computer and Information Technology (ICCIT), 2023, pp. 1–6. [Link]
- F. Kabir, M. K. H. Khan, and F. Rabby, "Emotion Detection From Textual Data Using Natural Language Processing and Machine Learning Techniques," 4th Int. Conf. on Electrical, Computer and Communication Engineering (ECCE), 2025, pp. 1–6. [Link]

## CERTIFICATIONS

Meta	Full Stack Web Development with React (Coursera)
Google	Technical Writing for Developers
Angela Yu	Flutter & Dart Development Bootcamp (Udemy)
IBM	Introduction to Cloud Computing - Active
Canva	Canva Pro Designer Certificate

## LANGUAGES

Bengali (Native) English (Fluent) Hindi (Conv.)

## AWARDS & ACHIEVEMENTS

- Featured Author – Medium Technology Writing (2025)
- Runner-Up – Inter-Department Table Tennis, RUET 2021
- Top 10 Finalist – Hult Prize RUET, 2023
- Selected Speaker – ICCIT 2023 (IEEE Conference Paper)

## BLOGS & PERSONAL WRITING

- AI Humanizer Prompt That Saved My Content – Medium (2025)
- High-Functioning Depression – The Hidden Struggle Behind My Smile – Medium (2025)
- Personal Blog on Tech, Writing & Productivity – GitHub Pages

## BEYOND THE CLASSROOM

- Executive member, Photographic Society of RUET (2019–Present): Assisted in the first Photo Festival of RUET in Dhaka.
- Lead Organizer, Hult Prize 2023: Managed logistics and mentorship sessions during a 24-hour hackathon.
- Member, Computer Science Club: Participated in coding competitions and workshops.
- Member, RUET Debating Club (2019–2022): Supported inter-university debate events.
- Member, RUET Table Tennis Club: Secured 2nd place in 2021 inter-department competition.
- Volunteer, Hackathon 2018: Coordinated technical support and participant assistance.

## INTERESTS

Technology Artificial Intelligence SaaS Web-App  
Medium Writing Research Football