A. S. M. Farhan Kabir Redoy

Full-Stack Developer | AI Enthusiast

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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

TemPulse – Disposable Email as a Service (SaaS)

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.

EmoSense – Emotion Detection from Text

Python, Flask, NLP, 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.

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.
- 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.

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 (edX)

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 (Depression Detection via NLP)

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