Abdullah Al Fahim

Broadcast & IT Engineer | Brand Designer | App Developer

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Portfolio: abdullah-al-faahim.github.io | LinkedIn: linkedin.com/in/abdullah-al-fahim
GitHub: github.com/abdullah-al-faahim | Behance: behance.net/hire-fahim | Dribbble: dribbble.com/hire-fahim

Summary

Broadcast and IT engineer at Channel i with a BSc in Electronics & Communication Engineering, eight years of brand and visual design, and a portfolio of Android, desktop and web apps I have designed, built and released. I keep a 24/7 television station on air through Master Control Room operations, preventive maintenance and clear technical SOPs. I design brand identities, social media campaigns, UI and print for organisations in Bangladesh, and I build offline-first, privacy-focused apps in Kotlin, Flutter and JavaScript for Bangla and English users. I bring networking, systems administration, broadcast transmission, design and front-end development together in one person.

Skills

Broadcast & Transmission: Master Control Room (MCR) operations, on-air continuity, playout automation, encoding, live contribution, Grass Valley, Ross Video, Imagine Communications, SAM switchers, Harris on-screen graphics, Ericsson, Harmonic, LiveU, TVU Networks

Networking & Infrastructure: Routing and switching, LAN, MAN, WAN, WLAN, DHCP, OSPF, network security

Systems & IT Support: Windows Server 2016, Windows 10/11, Linux, PowerShell, Bash, system administration, IT support, preventive maintenance

Software Development: Kotlin (Android), Flutter, Dart, JavaScript, Electron, Python, C, C++, HTML, CSS, PHP, WordPress theme development, Supabase, Git, GitHub, GitHub Pages, LaTeX

Design & Media: Brand identity, logo design, brand guidelines, social media design, web banners, UI/UX design, landing pages, print and presentation design, illustration, video editing, photography

Design Tools: Adobe Photoshop, Adobe Illustrator, Adobe Premiere Pro, Adobe Creative Cloud, Figma, DaVinci Resolve

Productivity Tools: Microsoft Office (Word, Excel, PowerPoint), advanced Excel, Google Workspace, Google Sheets, Notion, Trello, Jira

Professional Skills: Leadership, cross-functional coordination, technical writing and SOPs, training facilitation, public speaking, project and event management, content strategy

Work Experience

Broadcast Engineer (Transmission), Channel i, Impress Telefilm Ltd., Dhaka — Sep 2024 – Present

- Ensure 24/7 broadcast continuity for a national satellite television network through proactive Master Control Room (MCR) management.
- Reduced system downtime by 30% through preventive maintenance, achieving 99.99% uptime.
- Supported 400+ live event broadcasts with zero signal loss, coordinating with production and news teams.
- Wrote technical SOPs and troubleshooting guides that improved team efficiency and cut problem-resolution time by 35%.
- Work across transmission, encoding and live contribution systems, including playout automation and on-screen graphics.

Founder & Creative Director, Utopia SoftTech, Dhaka — 2018 – Present

- Run a design and software studio delivering brand identity, presentations, apps and tools for clients and users in Bangladesh.
- Design logos, brand identities, brand guidelines, social media campaigns, web banners, magazines and pitch decks; portfolio includes work for Laptop World BD, NUSDF Bangladesh, AI Crafters Bangladesh, GreenOn Digital and Market Canvas Magazine.
- Published 45 design projects on Behance and Dribbble across branding, social media, UI/UX, print and motion.
- Design, build and release Android, desktop and web apps end to end, from icon and UI to code, testing and release pages (see Software Projects).

Executive, IT & System Support (MIS), Laptop World BD, Dhaka — May 2023 – Jun 2024

- Developed a cost-effective invoice application in Google Sheets that automated daily transaction tracking and record keeping.
- Managed and updated customer databases, keeping records accurate and up to date.
- Introduced an interactive customer experience service that let customers test laptops before purchase.
- Designed 300+ branding and marketing materials for product launches, in-store promotion and the sales team.

Software Projects

TaskBell – Offline Android task manager with alarm reminders (Kotlin) 2026

- Rings twice for every task: a pre-reminder at a chosen lead time and a start alarm that covers the lock screen and rings even in silent mode.
- Tasks hold checklists, files and photos, contacts with call, SMS, WhatsApp and email actions, and map locations; alarms survive restarts, app updates and time-zone changes.
- No internet permission, no account, no ads or analytics; user-controlled backup file with preview before restore.
- Live page: abdullah-al-faahim.github.io/TaskBell-releases

Taka – Personal finance manager for Bangladesh (Flutter) 2026

- Private, offline money manager that tracks cash, bKash, Nagad, bank accounts, DPS, Sanchayapatra, loans and insurance.
- Full Bangla and English interface, budgets and reports; no sign-up and no ads.
- Live page: abdullah-al-faahim.github.io/taka-releases

Roktobondhu – Blood donor app for Bangladesh (Flutter, Supabase) 2026

- Privacy-first app that shows blood requests and willing donors on one live map, with alerts, request acceptance and donor tracking.
- Releases: github.com/abdullah-al-faahim/Roktobondhu-releases

Zakat Calculator – Bangla-first Android zakat calculator 2026

- Calculates zakat on cash, gold and livestock, plus ushr and fitra, with Quran and hadith evidence for each rule; Bangla and English, light and dark themes.
- Releases: github.com/abdullah-al-faahim/zakat-calculator-app

Telecast Time – Time calculator for broadcast operations (Android) 2026

- Duration tape, drop-frame timecode, live countdown and rundown planner for broadcast engineers and producers.
- Releases: github.com/abdullah-al-faahim/telecast-time-calculator-app

PhotoCard Studio – Desktop editor for news photocards (Electron, JavaScript) 2026

- Figma-style Windows editor for Bangla and English news photocards, with templates, layers and brand settings; installer and portable builds.
- Source and releases: github.com/abdullah-al-faahim/photocard-studio

khanfarhana.info – Custom WordPress theme and content platform (WordPress, PHP) 2025 – 2026

- Designed and built a custom theme for a youth leader and LinkedIn creator: homepage redesign, services page with tiered pricing cards, brand page with partner ticker and team section, and an animated maintenance-mode theme.
- Case study: github.com/abdullah-al-faahim/khanfarhana.info-case-study

Bijoy Bayanno Typing Practice – Web app for learning Bangla typing (HTML, CSS, JavaScript) 2025

- Free practice page with key charts for every vowel, consonant and conjunct of the Bijoy Bayanno keyboard layout.
- Live page: abdullah-al-faahim.github.io/Bijoy-Bangla-Typing-Practice

PANTONE Color Books – Colour libraries for Adobe Illustrator (Python) 2025

- Built 16 PANTONE colour book libraries (22,866 swatches) in .acb and .ase formats for Illustrator 2024 and newer.
- Repository: github.com/abdullah-al-faahim/PANTONE-colorbooks

Windows 11 Customization – Workspace configuration toolkit (PowerShell) 2025

- Curated configurations for GlazeWM, yasb, Windhawk and Flow Launcher, with themes for Terminal, File Explorer and Discord.
- Repository: github.com/abdullah-al-faahim/Windows-11-Customization

GitHub Achievements Guide – Developer guide (Markdown, Python) 2026

- Guide to every GitHub achievement, tier and profile highlight, and how to unlock each one.
- Repository: github.com/abdullah-al-faahim/github-achievements

Portfolio Website – Personal portfolio and design showcase (HTML, CSS, JavaScript) 2026

- Responsive site with light and dark themes, a filterable gallery of design work and pages for each released app, hosted on GitHub Pages.
- Website: abdullah-al-faahim.github.io

Electronics Circuits Lab – NI Multisim circuit projects 2025

- 23 simulated circuits covering op-amps, flip-flops, logic gates, diodes and AC analysis.
- Repository: github.com/abdullah-al-faahim/electronics-circuit

LinkedIn Newsletters

- Author, Brand Design Conversation – LinkedIn newsletter on brand design
- Author, ThinkLab – LinkedIn newsletter
- Read both on LinkedIn: linkedin.com/in/abdullah-al-fahim

Education

BSc in Electronics & Communication Engineering (ECE), National University of Bangladesh, Institute of Science, Trade & Technology (ISTT) Feb 2018 – Oct 2023

- CGPA: 3.33 out of 4.00. Excellence Award for 3rd position in the final year result.
- Major courses: Computing Data, Network Administration, Cyber Security, Transmission, Signals & Systems.
- Final year project: design of a gateless toll collection system for expressways using RFID tags.

Higher Secondary Certificate (HSC), Science, Haji Lalmia City College Jun 2015 – Jul 2017

- GPA: 4.25 out of 5.00. Activities: Science Club, Debate Club, Sports Club.

Secondary School Certificate (SSC), Naebunnessa Institution Jan 2013 – May 2015

- GPA: 4.56 out of 5.00. Activities: Debate Club, Bishwo Shahitto Kendro, Red Crescent, Sports Club.

Publications & Research

Design of Gateless Toll Collection System on Expressway Utilizing RFID Tag, Agharul Islam, Abdullah Al Fahim, Md. Robiul Islam (Supervisor) Sep 2023
DOI: 10.13140/RG.2.2.32480.05121

Social Responses to Sudden Earthquake Shock in Bangladesh: An Exploratory Analysis of Public Reactions, Sadia Afrin Hema, Abdullah Al Fahim 2025
Study of public reactions to the November 2025 earthquake in Bangladesh, based on 110 survey responses.
DOI: 10.13140/RG.2.2.25055.52642/2

Certifications & Training

- MS Excel for Professionals – Keeron – Jun 2025
- Brand Strategy & Planning – Keeron – Jun 2025
- Television News Reporting – Management and Resources Development Initiative (MRDI) – Dec 2023
- Professional Content Writing – Grameenphone Academy – Nov 2023
- Master Microsoft Excel – LinkedIn Learning – 2023
- Adobe Premiere Pro Video Editing Bootcamp – Udemy – Jan 2023
- Business Model Canvas – Grameenphone Ltd. – 2022
- Introduction to Internet of Things using Arduino – Udemy – 2020
- Mastering Architectural, Night & HDR Photography – Udemy – 2020

Leadership & Volunteering

Trainer, Farhanas Brainstation 2026

- Delivered an MS Office 365 and Google Workspace session for Leadership Fellowship Cohort 13.

Head of Branding & Communication, NUSDF Bangladesh Apr 2023 – Oct 2024

- Led a creative team of 4 that produced the forum's brand communication and all visual content.
- Coordinated 5 national skill development summits, engaging 5,000+ National University students across 3 divisions.

Executive Director (Business Development), FarhanasBrainstation Nov 2021 – Dec 2023

- Mentored a 10-member team on the SDG-based initiative "Quality Education for Bangladesh".
- Directed cross-functional branding strategies aligned with community growth objectives.

Country Ambassador, IEEEXtreme 15.0 2021

- Represented the IEEE ISTT Student Branch in the global 24-hour programming competition.

Volunteer, United Nations Volunteers 2019 – Present

- Support disaster and humanitarian relief work.

University and campus roles

- Founder & Convener, ISTT Photographic Society (ISTT-PS) – Apr 2019 – Oct 2023
- Campus Ambassador, Youth Opportunities – Feb 2021 – Dec 2021
- General Secretary (PR & Communication), IEEE ISTT Student Branch – May 2020 – Apr 2021
- Secretary (Event Management), ISTT Innovation Hub – Oct 2019 – Apr 2020
- Treasurer, Suvonil Literature and Cultural Club, ISTT – Apr 2019 – Apr 2020
- Graphics Designer, IEEE ISTT Student Branch – Jun 2018 – Sep 2019
- Campus Ambassador, Bangladesh Youth Leadership Center (BYLC) – Feb 2019 – Dec 2019

Awards

- Excellence Award, 3rd position in final year result – National University, Institute of Science, Trade & Technology – Oct 2023
- Gold Award, 1st International Poster Competition on Achieving SDGs in Developing Countries – Virtual University (UNIV) – Mar 2021
- Runners-Up, Business Idea Competition – RHTI 3rd International Business Genius Bangladesh – May 2019
- Academic Scholarship, divisional result excellence in Junior School Certificate (JSC) – Dhaka Education Board, Ministry of Education – Dec 2012

Languages

Bengali: Native | English: Professional working proficiency | Hindi: Limited working proficiency