
IMRAN RAHMAN | SOFTWARE ENGINEER

imranrahman.ix@gmail.com | +880-1638740694 | <https://www.imraninfrared.com>

 [infraredCoding](#) |  [imran-rahman-ix](#) | Road 7, Block H, House 482, Bashundhara R/A, Dhaka

PROFESSIONAL EXPERIENCE

Nexcentia, Dhaka, Bangladesh

CTO | Dec, 2025 - Present

- Responsible for Designing and Developing Scalable Backend Systems and Architecture
- Managed cloud application deployments and maintenance to ensure availability & minimal downtime

Techspire Labs, Dhaka, Bangladesh | Full Stack Developer | Jan, 2025 - Aug, 2025

- Built and maintained complex backend applications and RESTful APIs using Django and DRF, with a focus on clean architecture and scalable service design
- Replaced performance-critical Python components with Golang to achieve high-throughput real-time systems capable of handling up to 1000 concurrent users
- Developed interactive UI applications using React.js to complement backend services

Fridaysoft Ltd, Dhaka, Bangladesh | Full Stack Developer | Oct, 2023 - Dec, 2024

- Designed and maintained backend systems for large-scale web applications using Django, with emphasis on data modeling, business logic, API design and SQL Optimization
- Developed and extended RESTful APIs with well-defined contracts consumed by React.js and Vue.js frontends
- Built and distributed production desktop applications using PyQt6 and Electron.js, delivering software across multiple runtimes beyond the web
- Applied TailwindCSS and Bootstrap to build polished, functional user interfaces tightly integrated with backend services

Obergudt GmbH, Germany (Remote) | Junior Backend Developer | Mar - Nov, 2022

- Developed and maintained backend features in a production Django codebase
- Optimized complex database queries using Django Toolbox, reducing query overhead and improving data-fetching performance across the application
- Designed and extended RESTful APIs consumed by a React.js frontend
- Ensured code quality and coverage with unit and end-to-end tests written in PyTest and Playwright

Freelance Full Stack Developer | <https://www.imraninfrared.com> | Apr, 2020 - Mar, 2022

- Built full-stack web applications which solves my clients' business-specific problems
- Implemented complex systems including heavy mathematical computations, asynchronous scheduled tasks and role-based authorization

PERSONAL PROJECTS

Cubesturm - Speedsolving Training Planner

<https://github.com/infraredCoding/cubesturm>

- Built a full-stack speedcubing training planner with a Spring Boot backend and PostgreSQL
- Implemented stateless JWT-based authentication and role-based access using Spring Security
- Designed relational data models and managed persistence using Spring Data JPA
- Processed and parsed CSV data using Apache Commons CSV for structured data ingestion
- Built a Vue.js frontend client consuming the Spring Boot REST API

SKILLS

Django, Spring Boot, .NET Core, React.js, Vue.js, NuxtJS, NextJS, PostgreSQL, MongoDB, Redis, Docker, Nginx, Python, Javascript, Java, C#, Golang

EDUCATION

2022 - 2026 | Brac University, Bangladesh

Bachelor of Science - Computer Science and Engineering
