

# Salek Bin Hossain

Software Engineer | Flutter & Next.js Developer

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## TECHNICAL SKILLS

- **Mobile:** Flutter, Dart, Firebase, REST APIs
- **Web:** Next.js, React.js, Tailwind CSS, Node.js, Express
- **Databases:** Firestore, MongoDB, PostgreSQL
- **Languages:** C++, Dart, JavaScript, TypeScript, Python, SQL
- **Tools:** Git, GitHub, Android Studio, VS Code, CI/CD

## CORE STRENGTHS

- Clean architecture and scalable app structure
- Advanced problem solving, DSA, graph theory, and optimization
- State management, offline sync, API integration, and debugging
- Performance-focused UI development

## EDUCATION

- **Khulna University of Engineering & Technology (KUET)**  
B.Sc. in Computer Science & Engineering
- **Notre Dame College**  
Higher Secondary Certificate (GPA: 5.00)

## ACHIEVEMENTS

- Codeforces Expert (Peak Rating: 1619)
- ICPC Asia Dhaka Regional — 39th Place
- ISPC National Runner-up
- CodeChef 4-Star Coder
- Solved 2,000+ problems across online judges

## PROFESSIONAL SUMMARY

KUET CSE undergraduate and Founder of Effy Tech with a strong competitive programming background and hands-on product development experience. Specialized in building cross-platform mobile apps with Flutter and scalable web platforms with Next.js, with proven delivery of user-focused products such as Amal Tracker and DHA Site.

## EXPERIENCE

### Effy Tech | Founder & Lead Software Architect Jan 2025 – Present

- Spearheaded end-to-end delivery of mobile and web products, covering system design, implementation, testing, and deployment.
- Architected a scalable Madrasa Management System using Next.js and MongoDB for routine, attendance, results, assignments, and notices.
- Led technical direction with emphasis on maintainable codebases, responsive UI, and reliable product delivery.

## SELECTED PROJECTS

### Amal Tracker | Lead Flutter Developer

- Built and published a Flutter and Firebase productivity app with 1,000+ active users, featuring reminders, cloud sync, and clean-architecture-based structure.

### DHA Site (dhakhi.com) | Web Platform

- Developed a responsive academic management platform using Next.js, React, MongoDB, and Cloudinary with admin-friendly workflows.

### CodeChase | Flutter Mobile App

- Created a competitive programming tracker for logging solve history and visualizing progress with Firebase-backed analytics.

## LEADERSHIP & EXTRA IMPACT

- Former President, Department of Programming, Notre Dame Information Technology Club (NDITC).
- Judge, Notre Dame Father Timm Memorial Programming Contest (FTMPC).
- Mentor, Srinivasa Ramanujan Math Club.