Tamal Ghosh

Computer Science Engineering Student | Full-Stack Developer | Android Developer

📧 tamalghosha07@gmail.com | 🌐 Portfolio | 🔗 GitHub | 📱 LinkedIn

📍 Khulna, Dhaka, Bangladesh

Professional Summary

Passionate Computer Science Engineering student with hands-on experience in full-stack web development using Python-Django and Android app development with Kotlin. Dedicated to creating innovative solutions and continuously learning emerging technologies. Proven ability to develop user-centric applications with modern frameworks and best practices.

Education

Bachelor of Technology in Computer Science Engineering
Current Student (Expected Graduation: 2026)
Relevant Coursework: Data Structures & Algorithms, OOP, DBMS, Software Engineering, Mobile Application Development
Academic Projects: Multiple web applications and Android apps showcasing practical implementation of theoretical concepts

Programming Languages

- **Python** (Django, Flask, Data Analysis)
- Kotlin (Android Development)
- JavaScript (ES6+, Node.js)
- Java (Core, Android SDK)
- HTML5 & CSS3 (Responsive Design)
- SQL (MySQL, SQLite)

Frameworks & Technologies

- Web: Django, Flask, Bootstrap, jQuery
- Mobile: Android SDK, Kotlin, XML Layouts
- Database: MySQL, SQLite, Firebase Firestore
- Version Control: Git, GitHub
- Cloud: Firebase, GitHub Pages
- Tools: VS Code, Android Studio, Postman

Core Competencies

- Full-Stack Web Development
- Android Application Development
- Responsive UI/UX Design
- Database Design & Management
- API Development & Integration
- Problem Solving & Debugging
- Agile Development Practices

Featured Projects

1. Personal Portfolio Website
Full-Stack Web Application | 2024
HTML5, CSS3, JavaScript, Firebase Firestore
- Responsive design, dark/light theme, backend contact form, smooth animations
Live Demo   GitHub

2. Django Web Applications
Backend Development | 2024
Python, Django, SQLite, Bootstrap
- CRUD, authentication, admin panel, REST API
GitHub

3. Android Applications
Mobile Development | 2024
Kotlin, Android SDK, SQLite
- Native apps, Material UI, data persistence
GitHub

4. Calculator Application
Desktop Application | 2024
Python, Tkinter
- Scientific calculator with advanced operations, error handling, memory functions
GitHub

Achievements & Highlights

- 50+ GitHub contributions in the last year
- 11+ public repositories
- 2+ years of programming & development experience
- Transitioned from basic programming to full-stack development
- Open-source contributor & personal repo maintainer

Learning & Development

- **Current Focus:** Advanced Django, Kotlin Multiplatform, React.js/Vue.js, Cloud/DevOps, Data Science/ML
- Python (fundamentals & advanced)
- Django web framework mastery
- Android development (Kotlin)
- Frontend (modern CSS/JS)
- Database design & management
- Version control (Git/GitHub)

Professional Interests

- Full-Stack Development & Web Solutions
- Native Android Applications
- UI/UX Design
- Backend Architecture
- AI/ML, Cloud, Modern Frameworks

GitHub Statistics

Public Repositories:	11+
Languages:	Python, Kotlin, JavaScript, HTML, CSS
Active Development:	Regular commits and updates
Portfolio Growth:	Continuous new projects and features

Collaboration & Soft Skills

- Problem-Solving (analytical & technical)
- Clear communication & documentation
- Teamwork with Git collaboration
- Adaptability & quick learning
- Time management (academics & projects)
- Attention to detail in code & UX

Contact Information

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