

# Roki Roy

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## Summary

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- Full-Stack Developer specializing in **clean architecture and scalable code practices**, delivering production-ready web, mobile and wearable apps.
- Strong foundation in software engineering, with proven ability to design efficient systems and deliver high-quality solutions in collaborative teams.

## Experience

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**Full Stack Developer**, Fordel Studios (Onsite) Fordelstudios.com · App Store Link · Web App Link

- Spearheaded Flutter app with **clean architecture and scalable code**, achieving 5,000+ active users with 98% crash-free sessions; v2 in progress with more complex features.
- The release contributed to a measurable increase in the value of the company's stock.
- Architected Golang back-end services with rapid development cycles, reducing API response time by 25% and improving reliability.
- Optimized React-Node.js e-Commerce platform, integrating with complex third-party APIs and reducing page load times by 30%.
- Delivered the Apple Watch app in Swift, expanding the product ecosystem to wearable platforms.

**Full Stack Developer Intern**, Fordel Studios (Onsite) Fordelstudios.com

- Enhanced back-end API and database integration, improving data retrieval speed.
- Actively participated in Agile sprints and code reviews, raising team velocity.

## Projects

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**Cily Tracker – Academic Resource Platform**

- Built web app for NBU students to access syllabus and past exam papers.
- Designed a clean interface for academic progress tracking.
- **Stack:** HTML, js, Firebase
- Live Demo: <https://cilytracker.web.app/>

**Commento – VS Code Extension**

- Developed extension using Google Gemini AI for auto-generating code comments.
- Improved readability of code and developer productivity.
- **Stack:** TypeScript, VS Code API, Gemini AI, Node.js
- Marketplace: <https://marketplace.visualstudio.com/rokiroy.commento>

**LetsGo – Tag-Based Chatting App**

- Built real-time chat app using Golang microservices.
- Used gRPC + Protocol buffers for sub-200ms message latency.
- **Stack:** Golang, Microservices, gRPC, Protobuf, Docker

## Technologies

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**Languages:** Golang, Java (Spring Boot), JavaScript (ES6+), TypeScript, Swift, Dart

**Frameworks & Tools:** React.js, Node.js, Flutter, Spring Boot, MongoDB, PostgreSQL, Docker, AWS, Firebase, gRPC, CI/CD

## Education

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University of North Bengal, BCA (pursuing), CGPA: 8.0