

Sanchyan Chakraborty

Software Developer | Web, Android & iOS | Team Leadership

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PROFESSIONAL SUMMARY

Software developer and team leader with experience building and maintaining web platforms and native Android and iOS applications. Skilled in Node.js, PHP, Swift, Kotlin, database integration, and third-party APIs. Project experience spans CRM, e-commerce, social media, and DRM-protected streaming. Able to use Claude Code and OpenAI Codex to support software development and improve productivity.

TECHNICAL SKILLS

Languages: JavaScript, PHP, Swift, Objective-C, Kotlin, Java, HTML, CSS

Web: Node.js, React, Next.js, Laravel, CodeIgniter, WordPress, Bootstrap

Mobile & data: Native iOS and Android, MySQL, SQLite, MongoDB, Realm, Core Data

APIs & SDKs: GoCardless, Mandrill, iZettle, Xero, QuickBooks, Apyrse (PDFTron), PSPDFKit

Infrastructure & tools: Linux servers, AWS, Azure, DigitalOcean, Linode, Cloudflare, Git, GitHub, Bitbucket

AI-assisted development: Claude Code, OpenAI Codex

PROFESSIONAL EXPERIENCE

Team Leader & Software Developer

Foreign company | August 2018 - Present

- Develop and maintain web and mobile applications across PHP, HTML, CSS, template engines, Java, and Objective-C codebases.
- Work on newer application codebases using Node.js, Kotlin for Android, and Swift for iOS.
- Guide a junior front-end developer working with Next.js.
- Integrate payment, email, and accounting services, including GoCardless, Mandrill, iZettle, Xero, and QuickBooks.
- Build and maintain CMS functionality for dynamic PDF generation, reminders, and analytics.
- Integrate Apyrse (PDFTron) and PSPDFKit into mobile applications for PDF functionality.

EDUCATION

Bachelor of Technology (B.Tech), Computer Science

MAKAUT University

Selected Projects

Web platforms and native mobile applications

Business Operations CRM

Developed a CRM covering certificates, invoices, quotations, jobs, events, and reminders, with native mobile applications and offline PDF generation.

Technologies: Swift, Kotlin, Realm, Node.js, Next.js, MongoDB, PDF SDKs

DRM-Protected Streaming Platform

Built a streaming system with DRM protection, native iOS and Android applications, and a web platform.

Technologies: Swift, Kotlin, Realm, Node.js, Next.js, MongoDB

Social Media Platform

Developed a social media application for an Australian client, with native mobile apps, a web front end, and Cloudflare CDN integration.

Technologies: Swift, Kotlin, Realm, Node.js, Next.js, MongoDB, Cloudflare

E-commerce Platform & Admin Panel

Built an e-commerce website with an administration panel and a native Android application.

Technologies: Kotlin, Laravel, MySQL, HTML, CSS, Bootstrap

Basketball Scorekeeping App

Developed an iOS app to record basketball scores, store data locally, and upload scores to a server through a Laravel API.

Technologies: Swift, Core Data, Laravel, MySQL

COVID-19 Oxygen Booking CRM

Built an oxygen booking CRM with an Android application and a Node.js backend backed by MongoDB.

Technologies: Kotlin, Node.js, MongoDB

Bengali News App

Developed a native Android news application for Bengali-language content, with local news data storage.

Technologies: Kotlin, Android SharedPreferences

Project descriptions are kept high-level to respect client confidentiality.