

SHOUBHIK KUMAR DAS

Technical Product Manager & Software Developer with 5+ Years of Experience & Strong Logical Skill

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Skills

- React Native | JavaScript | Swift(iOS) | Android | Google Firebase | Xamarin | C# | Java | PHP | C++ | C | SQLite | MySQL | NoSQL | Git
- AWS S3 | Multi-Threading | AES-256 Encryption | RestAPI | Microservices | PostMan | DBever | Unit Testing | LambdaTest
- Quick-learner | Leader | Confident | Team-Player | Friendly Natured | Adaptable

Experience

Software Engineer

Kadel Labs

08/2021 - Current

- Single-handedly developed **Voice Assistant** from scratch in **React Native**, saving **\$35,000/year** by skipping 3rd Party tools like Alan AI.
- Designed and implemented several **Voice Commands & Lexicon(Dictionary)** to improve **command detection & accuracy** of by **450%**.
- Upgraded a **legacy C++ app** with **HTTPS API calls & AES-256 Encryption** for security, showcasing **strong logical & analytical skills**.
- Worked with **Overseas clients** to add **Video Recording** and **AWS S3 storage** to a **cross-platform** home inspection app, **doubling sales**.
- Added **Multi-Threading** to upload videos to **S3 & Vimeo API** in the **background**, reducing average time for publishing reports.
- Added **SQLite DB** to store reports-related **data locally** to work in **offline mode** resulting in **faster loading** & functioning by **600%**.
- Added **AWS SDK** to download videos from **Amazon S3** & added an **in-app video player** to play the video efficiently.
- Worked on **Native Video Compression** in **Android & IOS**, reducing file **upload time** to an average of **10Secs from 1-2Mins**.
- Strengthened **securities** by adding **AES-256 Encryption** of data sent to the server using **Private Key** & added several **Wrapper APIs** resulting in increased security by **24.3x** after **Vulnerability Scanning**.

Technical Product Manager

Kadel Labs

02/2022 - Current

- Designed **Software Architecture** for **True Offline Mode** and **Live Sync** to handle heavy inspection data **across web and mobile clients**.
- Supervised teams of Designers, Developers, QAs, Content Creators & DevOps to build robust products using **Agile Methodology**.
- Implemented **Github branching, Code Reviews & Collaboration principles** for production applications resulting in **80% fewer merge conflicts**, code tracking **efficiency by 100%** & increasing good coding practices & overall **quality of code by 75%**.
- Automated **database backups** using **AWS** & added **KMS Encryption** for data at **rest & transit** resulting in increased security & reliability.
- Encrypted Patient & Doctor's PII data in the database via DB Encryption package with **AES-256 Encryption** to attain **HIPPA Compliance**.
- Wrote requirements, Created User Stories, Milestones, Roadmaps & took grooming sessions with the team to **reduce delivery time by 2x**.
- Created Deployment checklist, Release Notes, Risk Notes, Known Issues List & **Rollback Plans** to deliver a robust product on time.

Founder & Software Developer

Play Balance Converter

10/2018 - 11/2020

- **Monetized by commissions** which exceeded revenue goals of 1st month by **100% (₹ 7,862)** & of 2nd month by **2264.88% (₹ 1.7Lakh+)**.
- **Full stack developer** of the entire app (**UI, UX, Front-End & Back-End**), Back-End using **JAVA** & Front-End using **XML** in **Android Studio**.
- Implemented **Real-time Database** using **Google Firebase NoSQL, JSON tree DB** which reduced response time to **less than 0.01sec**.
- Developed **business strategy** & Growth Hacking, resulting in **1,00,000+** downloads & **600%** increase in business every month.

Certification

- **Coursera/Duke University**: C Programming Fundamentals with 95%. - [link to certificate](#)
- **Coursera/Duke University**: Core JAVA Programming with 88.6%
- **Indian Institute of Technology**: Android Apps Development with Best Candidate Honor.

Mentorship

Programming Tutor

Sandbox's Education

12/2020 - 03/2021

- **Taught** introductory computer technology courses (**C, C++, JAVA**) to underclassmen & students as part of the education core curriculum.

Education

Bachelor of Technology

Chhattisgarh Swami Vivekanand Technical University

2020

- Computer Science Engineering with Score of 70.2%

Projects

- **Hackintosh**: Installed & ran bugfree MacOS BigSur 11.0 for IOS Development in Visual Studio Xamarin without the need for MAC saving machine cost for the company.