

# 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 | DBeaver | Unit Testing | LambdaTest
- Quick-learner | Leader | Confident | Team-Player | Friendly Natured | Adaptable

## Experience

<b>Software Engineer</b>	<a href="#">Kadel Labs</a>	08/2021 - Current
<ul style="list-style-type: none"><li>• Single-handedly developed <b>Voice Assistant</b> from scratch in <b>React Native</b>, saving <b>\$35,000/year</b> by skipping 3rd Party tools like Alan AI.</li><li>• Designed and implemented several <b>Voice Commands &amp; Lexicon(Dictionary)</b> to improve <b>command detection &amp; accuracy</b> of by <b>450%</b>.</li><li>• Upgraded a <b>legacy C++ app</b> with <b>HTTPS API calls &amp; AES-256 Encryption</b> for security, showcasing <b>strong logical &amp; analytical skills</b>.</li><li>• Worked with <b>Overseas clients</b> to add <b>Video Recording</b> and <b>AWS S3 storage</b> to a <b>cross-platform</b> home inspection app, <b>doubling sales</b>.</li><li>• Added <b>Multi-Threading</b> to upload videos to <b>S3 &amp; Vimeo API</b> in the <b>background</b>, reducing average time for publishing reports.</li><li>• Added <b>SQLite DB</b> to store reports-related data <b>locally</b> to work in <b>offline mode</b> resulting in <b>faster loading &amp; functioning</b> by <b>600%</b>.</li><li>• Added <b>AWS SDK</b> to download videos from <b>Amazon S3</b> &amp; added an <b>in-app video player</b> to play the video efficiently.</li><li>• Worked on <b>Native Video Compression</b> in <b>Android &amp; IOS</b>, reducing file <b>upload time</b> to an average of <b>10Secs from 1-2Mins</b>.</li><li>• Strengthened <b>securities</b> by adding <b>AES-256 Encryption</b> of data sent to the server using <b>Private Key</b> &amp; added several <b>Wrapper APIs</b> resulting in increased security by <b>24.3x</b> after <b>Vulnerability Scanning</b>.</li></ul>		
<b>Technical Product Manager</b>	<a href="#">Kadel Labs</a>	02/2022 - Current
<ul style="list-style-type: none"><li>• Designed <b>Software Architecture</b> for <b>True Offline Mode</b> and <b>Live Sync</b> to handle heavy inspection data <b>across web and mobile clients</b>.</li><li>• Supervised teams of Designers, Developers, QAs, Content Creators &amp; DevOps to build robust products using <b>Agile Methodology</b>.</li><li>• Implemented <b>Github branching, Code Reviews &amp; Collaboration principles</b> for production applications resulting in <b>80% fewer merge conflicts</b>, code tracking <b>efficiency by 100%</b> &amp; increasing good coding practices &amp; overall <b>quality of code by 75%</b>.</li><li>• Automated <b>database backups</b> using <b>AWS</b> &amp; added <b>KMS Encryption</b> for data at <b>rest &amp; transit</b> resulting in increased security &amp; reliability.</li><li>• Encrypted Patient &amp; Doctor's PII data in the database via DB Encryption package with <b>AES-256 Encryption</b> to attain <b>HIPPA Compliance</b>.</li><li>• Wrote requirements, Created User Stories, Milestones, Roadmaps &amp; took grooming sessions with the team to <b>reduce delivery time by 2x</b>.</li><li>• Created Deployment checklist, Release Notes, Risk Notes, Known Issues List &amp; <b>Rollback Plans</b> to deliver a robust product on time.</li></ul>		

<b>Founder &amp; Software Developer</b>	<a href="#">Play Balance Converter</a>	10/2018 - 11/2020
<ul style="list-style-type: none"><li>• <b>Monetized by commissions</b> which exceeded revenue goals of 1st month by <b>100% (₹ 7,862)</b> &amp; of 2nd month by <b>2264.88% (₹ 1.7Lakh+)</b>.</li><li>• <b>Full stack developer</b> of the entire app (<b>UI, UX, Front-End &amp; Back-End</b>), Back-End using <b>JAVA</b> &amp; Front-End using <b>XML in Android Studio</b>.</li><li>• Implemented <b>Real-time Database</b> using <b>Google Firebase NoSQL, JSON tree DB</b> which reduced response time to <b>less than 0.01sec</b>.</li><li>• Developed <b>business strategy</b> &amp; <b>Growth Hacking</b>, resulting in <b>1,00,000+</b> downloads &amp; <b>600%</b> increase in business every month.</li></ul>		

## 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

<b>Programming Tutor</b>	<a href="#">Sandbox's Education</a>	12/2020 - 03/2021
<ul style="list-style-type: none"><li>• Taught introductory computer technology courses (<b>C, C++, JAVA</b>) to underclassmen &amp; students as part of the education core curriculum.</li></ul>		

## Education

<b>Bachelor of Technology</b>	<a href="#">Chhattisgarh Swami Vivekanand Technical University</a>	2020
<ul style="list-style-type: none"><li>• Computer Science Engineering with Score of 70.2%</li></ul>		

## 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.