Amit Chakraborty

Lead React Native Developer | Senior Full Stack Engineer | dApp Solution Architect

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With over 7 years of experience in software development, I specialize in **building innovative dApp mobile solutions** that seamlessly integrate blockchain technologies with robust and engaging mobile experiences. My goal is to leverage **Web3** and decentralized technologies to create secure, scalable, and high-impact applications, redefining how users interact with decentralized ecosystems.

Professional Experience

NONCEBLOX Pvt. Ltd. *| Remote | Oct 2021 – Present*
Company Website *: https://nonceblox.com*

Lead Mobile Developer and Senior Front-End Developer *| Remote | Aug 2023 - Present*

- **Led** React and React Native projects end-to-end, deploying **five mobile apps** to Google Play with an emphasis on **performance** and **security**.
- Developed **dApps** with blockchain integration, enhancing **innovation** and **stakeholder collaboration**.
- **Mentored** team members and supported **senior hiring**, contributing to a **skilled, cohesive team**.

Senior Front-End Developer | React Native Developer, and Mentor | *Feb 2023 - Present*

- **Redesigned** UI/UX and published multiple apps to **Google Play** and **App Store**.
- Built internal management apps, streamlining **front-end** and **back-end** processes and supporting team growth.

Fullstack Developer | Remote **|** *Oct 2021 - Oct 2024 · 3 yrs 1 mo*

- Drove **secure**, end-to-end development across **React**, **React Native**, and **blockchain** projects.
- **Consulted** on complex, cross-platform solutions, promoting strong **collaboration** across teams.

TECHPROMIND *| Kolkata | Jan 2018 – Oct 2021*
Company Website: *https://techpromind.com*

Junior PHP Developer | *| Kolkata | Jan 2018 – Sept 2018*

- **Developed** multiple **PHP-based applications** and complex backend systems, addressing government requirements and security challenges.
- Designed and implemented **custom security protocols** for applications, ensuring they were resistant to **SQL injections**, and fixing vulnerabilities in legacy systems.
- Introduced **Angular** into projects, making the company's systems more modern and interactive, as well as building a solid **PHP framework** with **bulletproof session management** for secure, large-scale systems.
- Focused on complex **SQL queries** and database design, creating **views**, **functions**, and high-performance data pipelines, ensuring government systems were reliable and performant despite large-scale data usage.
- Fixed and refactored **legacy code** left by previous employees, improving overall system efficiency and security.
- Developed over 17+ **government-based systems**, focusing on secure user authentication, data processing, and scalable architecture.

Academic Pursuit | *Career Break* | *Oct 2018 – Oct 2021*

- **Master's Degree** : Completed a *Master of Computer Applications (MCA)* from *Techno Main Salt Lake*, specializing in **software development** and **project management**.
- **Freelance & Personal Development**: Engaged in various freelance projects focusing on *e-commerce applications*, *mobile development*, *Machine Learning* and *MERN stack* applications.

  Contributions :
  ML Based Ecommerce, *Mono Book repo, Books App , Ecommerce App Using NextJs, Video Calling App , Chart Making App, Training Center Application Using Spring Boot, TMSL College Course Management with Dev OPS, TMDB Movies New Site, Food Shala Client using Laravel, Stack Overflow Alternative Stack exchange Mobile App, CryptoVerse inspired by Meta and more 55 projects.*

PHP Intern | WEBSKITTERS | *Kolkata* | *May 2017 – Jan 2018*
Company Website : *https://www.webskitters.com*

- Optimized live production systems, significantly enhancing performance and reliability through advanced PHP techniques, including PDO implementations and the utilization of **CodeIgniter** and **Laravel** frameworks.
- Developed robust backend solutions using **JavaScript**, **jQuery**, JSON and **MySQLi**, leading to improved system efficiency and increased client satisfaction.

- Implemented best practices for code quality and maintainability, contributing to the long-term success of web applications.

Notable Projects

- **Housezy** (*Aug, 2023- present | Available on [iOS](#) and [Android](#)*) :

  *Associate with **Nonceblox** (Lead Mobile Developer and Senior Front-End Developer)*

  Developed a **subscription-based housing app** focusing on **automation** and service tracking.

  Skills: *Expo Router, PayU, Google Pay, GraphQL, Socket Notifications, Continuous Delivery*

- **MusicX** *(Aug, 2023- present | Available on [iOS](#) and [Android](#))* :

  Associate with Nonceblox (Lead Mobile Developer and Senior Front-End Developer)

  Created an **interactive music competition app** to enhance **user engagement** by Integrating **Twitter** and **Spotify** for media sharing

  Skills : *React Native, Native Modules, Reanimated, Algorithm Optimization*

- **Vulcan Eleven** *formerly* **Defi11** *(Dec, 2021- present | Available on [iOS](#) and [Android](#))* :

  Associate with Nonceblox (Fullstack Developer)

  Maintained a **fantasy sports platform** with analytical solutions. Oversaw feature maintenance post-merger and led a complete app redesign. Integrated **FCM** for notifications and handled backend processes like **database migrations**.

  Skills : *React Native, Node.js, FCM, Analytics Integration*

- **Jitendra Foundation** *(Jun 2023 - Aug 2023 | Available on [Android](#))* :

  Associate with Nonceblox (Senior Front-End Developer | React Native Developer, and Mentor)

  Created an application for community support and engagement.

  Skills : *React Native, React.js, Php, Wordpress merger with nest js*

- **CryptoCoffeeeTales** *(Jun 2023 - Aug 2023 | Available on [Android](#))* :

  Associate with Nonceblox (Full Stack Developer)

  Developed a platform for short news lovers to connect with block chain.

  Skills : *React Native, Node.js, TypeScript*, **Lottie, Moti**

- **Hotel Hollywood Management Application** *(Jul 2018)*

  Associate with Techpromind (Jr. Php Developer)

Rack and stock management application development. Built **tax calculation** ,rack and stock management, check in checkout online payment functionality, *Live Camera Person Identification*.

Skills: *PHP , CSS, Bootstrap, JS, Jquery, AngularJs, Advanced PHP, Mysql, PDO,* **IOT,** *Live Camera Person Identification using PHP*

- **Inventory Management Application** *for Shops* *(Jul 2018)*
  Associate with Techpromind (Jr. Php Developer)

  Inventory management application development.

  Contributions: Built **inventory** management functionality.

- **Fationfabs Order Management Application** *(Jul 2018)*
  Associate with Techpromind (Jr. Php Developer)

  Order management application development.

  Contributions: Built **order** management functionality.

- **Medical Rack Management Application** *(Jul 2018)*
  Associate with Techpromind (Jr. Php Developer)

  Rack and stock management application development.

  Contributions: Built **GST calculation** and rack and stock management functionality

- **GST Application** *(Aug 2018)*
  Associate with Techpromind (Jr. Php Developer)

  GST management application development.

  Contributions: Built **GST calculation** and reporting functionalities using *PHP , CSS, Bootstrap, JS.*

Technical Skills & Competencies

- **Full Stack Development**: React Native, JavaScript, TypeScript, PHP, SQL, Node.js, C, C++, Java, Python, Rust, Go, Dart, Flutter, Kotlin, Swift, Objective C, Ruby, Assembly Script, Angularjs, Html, T3 Stack
- **Front-End Frameworks**: React, Next.js, Angular 2, Expo, Remix, Vite, Tailwind CSS, Chakra UI, Material UI, Electron, Daori, Astro, Qwik JS, Vue, Nuxt, Jest
- **Back-End Technologies**: Node.js, PHP, NestJS, MongoDB, MySQL, PostgreSQL, Oracle, DynamoDB, REST APIs, GraphQL, Hasura, SQLite, Prisma
- **State Management**: Redux, Zustand, MobX, React Query, *Redux Thunk, Redux Saga*

- **Blockchain Technologies**: Solidity, Web3.js, Ether.js, Viem, Polygon, Tokenization, Wagmi, Near Chain, IPFS (Motoko), Truffle, Hardhat, Solana, Near Chain, Wallet Connect, Rainbow UI kit
- **Payments Integration**: Stripe, Razorpay, Binance Pay, PayU, GPay, Phone Pay Wallet
- **DevOps & CI/CD**: AWS Lambda, AWS amplify, AWS S3, AWS CloudWatch, Firebase, Supabase, Docker, Jenkins, Git, BitBucket, GitHub Actions, Expo EAS, Fastlane, CircleCi, SNS, Sonar Cloud, Vagrant Manager
- **Leadership & Collaboration**: Agile Methodologies, Cross-functional Team Leadership, Product Strategy, Code Quality

Education

Master of Computer Applications (MCA) | *Techno Main Salt Lake*, *Kolkata | Aug 2018 – Aug 2021 |* DGPA: **8.61**

Specialized in full-stack development, including **MERN stack** and CI/CD processes.

Bachelor of Computer Applications (BCA) | *The Heritage Academy*, *Kolkata | Aug 2014 – Aug 2017 |* DGPA: **7.3**

Developed advanced data analytics and optimization solutions for traffic management systems.

Certifications

- **Big Data Certifications** by **Ardent**
- **HackerRank Certifications**: Problem Solving, Java, Python, React, JavaScript
- **Blockchain Essentials** (Udemy)
- **DevOps Fundamentals** (LinkedIn Learning)
- Currently pursuing courses in **Large Language Models (LLM)** and **OpenCV** via LinkedIn Learning and Udemy.

Personal Projects & Open Source Contributions

- **GitHub Contributions**: Developed and maintained **55+ repositories**, focusing on innovative web and mobile solutions using React Native and blockchain technologies.
- **Blockchain Voting DApp**: Built a secure voting platform utilizing **Solidity** and **Web3.js**, showcasing the potential of decentralized applications.

- **Expense Tracker**: Designed and implemented a **React Native application** that tracks expenses in real-time with secure API integration.
- Regularly contribute to **open-source projects**, focusing on security, performance optimization, and scalable architectures.

Hackathons & Competitions

- **Cognizant Hackathon 2021** – Quarterfinalist: Delivered a real-world solution for traffic management, showcasing innovation and problem-solving using **C++**.
- Actively participated in university hackathons, winning awards for **rapid prototyping** and impactful software solutions.

Key Projects

- **Be4You** *(Dec 2023 - Feb 2024) :*
  Associate with Freelance (Independent Developer)

  Developed a **dating app** with real-time chat features by Implementing **Socket.io** for real-time chat and user interaction and complex design & animation
  Skills : *React Native, Socket.io, TypeScript, Reanimated*

- **WeFoU** *(Oct 2023 - Nov 2023)* :
  Associate with Freelance (Independent Developer)

  Created a **dating app** with robust chat capabilities by establishing engaging chat features using **Socket.io** and location-based interactions with **Google Maps**.
  Skills : *Expo, React Native, Redux, Socket.io*

- **HRMS** *(Oct 2021 - Nov 2021)*
  Associate with Nonceblox (Senior Front-End Developer | React Native Developer, and Mentor)

  Developed a desktop app for task management including employee management.
  Skills : *React.js, CSS, Nodejs, Electron, Live Monitoring, Screen recording*

- **Super App** *(Oct 2023 - Nov 2023)*
  Associate with Nonceblox (Senior Front-End Developer | React Native Developer, and Mentor)

  An MVP for block based marchant application and created npm packages, aws scripts, extensions
  Skills : *React.js, CSS, Nodejs, Vite, NPM, AWS, Chrome Extension, Firefox Extension*

- **Bingo** *A Merchant Distributor App* *(Nov 2021 - Dec 2021)*
  Associate with Nonceblox (Full Stack Developer)

  Enabled **offline bill creation** for merchants.

  Skills : *React Native*, **Bluetooth Tethering**

- **Project Seed** A Blockchain Staking App *(Oct 2021 - Nov 2021)*
  Associate with Nonceblox (Full Stack Developer)

  Established the frontend for **cross-chain transfers**.

  Skills : *React.js, SASS*

- **Project Sincity** *(Nov 2021 - Dec 2021)*
  Associate with Nonceblox (Full Stack Developer)

  Developed an **arcade game plot selling portal**.

  Skills : *React.js, Node.js*

- **Treeverse** *(Oct 2021 - Nov 2021)*
  Associate with Nonceblox (Full Stack Developer)

  Developed a **fantasy MMORPG** with MOBA-style combat.

  Skills : *Next.js, Tailwind CSS*

- **Om Protocol App** *(Feb 2023 - March 2023)*
  Associate with Nonceblox (Full Stack Developer)

  An MVP platform to be associated with other platforms in the blockchain field.

  Skills : *React.js, CSS, Nodejs, React Native, NextJS*

- **Ecommerce** *(May 2021)*
  Associate with Career Break (Independent Developer)

  Developed multiple **eCommerce applications**.

  Contributions: Implemented **product management** and shopping cart features using Next.js & Django and ML

- **Courses Note Distribution App** *(Jul 2021)*
  Associate with Career Break (Independent Developer)

  Developed a **course management note distribution system**.

  Contributions: Enabled course addition, editing, and management features. Streamlined note management for teachers using *React.js, Nodejs , CSS*.

- **Food Shala App** *(May 2021)*
  Associate with Career Break (Independent Developer)

  Food ordering app tailored to user preferences.

  Contributions: Implemented **order placement** features using Codeignator, *PHP* , *CSS*.

- **Photographer Blogs** *(May 2021)*
  Associate with Career Break (Independent Developer)

  Created a **blogging platform**.

  Contributions: Enabled **CRUD operations** for blogs and user management using *Laravel, Vuejs, PHP, CSS, Bootstrap, JS, Jquery, Advanced PHP, Mysql*

- **Voice Powered Expense Tracker App** *(May 2021)*
  Associate with Career Break (Independent Developer)

  Created an **expense tracking application** with voice capabilities.

  Contributions: Implemented **voice recognition** for easy entry using React Speechly.

- **Cryptoverse** *(May 2021)*
  Associate with Career Break (Independent Developer)

  Developed a **cryptocurrency news app**.

  Contributions: Integrated **Rapid API** for real-time updates using Rapid API, Redux Toolkits.

- **Books Selfi** *(May 2021)*
  Associate with Career Break (Independent Developer)

  Created a **book management application**.

  Contributions : Enabled **user registration** and **Firebase integration** using Native Base and React Native.

- **Restaurant App** *(May 2021)*
  Associate with Career Break (Independent Developer)

  Developed a **restaurant management app**.

  Contributions: Focused on **user-friendly interfaces** and navigation using React Native Navigation.

- **TMSL Chart Data** *(May 2021)*
  Associate with Career Break (Independent Developer)

  Charting application for colleges and students of TMSL.

  Contributions: Utilized **Real Data** for dynamic data generation using React, Redux, Node.js,

Interests

- **Blockchain Innovations**: Actively exploring decentralized finance (DeFi), smart contracts, and emerging blockchain applications.
- **Continuous Learning**: Committed to expanding knowledge through ongoing projects and contributions to open-source platforms.

Availability

Currently serving my notice period and available to join from **December 7th**. Open for interviews at your earliest convenience.

References

Available upon request. For **recommendations**, please visit my LinkedIn profile: *Devamitch Recommendations.*

Amit Chakraborty

Dev Amit, dApp Solutions Architect | Senior React Native & Blockchain Developer

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