

# Faizan Khan

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## SUMMARY

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Experienced full-stack developer specializing in React, Express.js, and blockchain technologies. Led teams in Agile environments, delivering scalable web applications and robust backend solutions. Skilled in developing user authentication systems, database integrations (MySQL), and blockchain-based applications. Strong track record of building high-performance applications across gaming, business, and digital asset platforms.

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## EXPERIENCE

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### STAFF ENGINEER

#### Revolving Games

July 2019 - Present, Lahore, Pakistan

- Leading a team of 6-8 engineers in the web/web3 division, building and maintaining web applications using React, Express.js, MySQL and Solidity.
- Co-led development of blockchain applications, integrating with platforms like OpenSea and managing digital asset systems, driving \$5M+ in in-app and NFT sales.
- Developed full-stack solutions with Express.js, Firebase, and MySQL, delivering user-friendly interfaces and back-end systems sustaining 1K+ requests/sec for 10 minutes.

### PRINCIPAL SOFTWARE ENGINEER

#### Fizz.io

April 2016 - July 2019, Lahore, Pakistan

- Developed a white-label Chat UI SDK adopted by 5 external clients for custom themes and branding.
- Built the iOS Chat SDK framework in Objective-C and Swift with real-time auto-translation in 20+ languages.
- Developed and scaled Fizz Website, Docs, Admin Dashboard, and CLI, delivering analytics across 2 major platforms and supporting REST API as well.
- Delivered high-performance front-end systems with React.js, Redux Thunk, and Node.js, handling 1M+ chat messages monthly with <200ms average response times.

### SENIOR SOFTWARE ENGINEER

#### Ebryx

July 2014 - April 2016, Lahore, Pakistan

- Fostered collaboration with team and clients using Jira, Slack, and GitHub, enabling continuous feedback and iterative delivery of improvements within 2-week Agile sprints.
- Delivered iOS applications for an international client by collaborating with a 4-member team in Agile sprints, utilizing Objective-C and Swift for feature implementation and issue resolution.
- Enhanced app reliability by reducing crash rates from 10% to 2% using Crashlytics and iterative development cycles, while delivering new features through feedback-driven iOS framework integration.

### SOFTWARE ENGINEER

#### Game View Studios

August 2011 - June 2014, Lahore, Pakistan

- Completed a 3-month onsite training at DENA in Tokyo by collaborating with local development teams on gacha and fusion game design.
  - Implemented gameplay features and resolved defects in cross-platform mobile games using Cocos2dx and NGCore during Agile weekly sprint cycles.
  - Collaborated with the Blood Brothers (10M+ downloads) team in Japan to adapt its mechanics into Fatal Frontier, building new modules and integrating user feedback with NGCore and NGServer.
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## PROJECT

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### RG Login

Revolving Games • [warofnova.com](http://warofnova.com)

- Optimized system (React, Express.js, MySQL) for 800K+ users; 20-80 RPS steady, 1K RPS peak test.
- Supports 5 authentication paths — Google, Apple, Discord, Wallet, and Telegram (Hatchkings only).
- Provides secure user authentication and streamlined login across 3 platforms: Android, iOS, and Web.
- Designed stateless JWT-based authentication flow, enabling horizontal scaling and low-latency login requests.
- Unified login system using OAuth 2.0 and JWT in Express.js, streamlining access across 3 RG Publications games — WarOfNova, Hatchkings, and Hatchlings.

## \$RCADE | Dashboard

Revolving Games • [node.rcade.network](https://node.rcade.network)

- Scaled to 20K+ users; 120–150 RPS steady, 1K RPS sustained for 10 minutes.
- Delivered node license minting and delegation features to boost daily yields.
- Enabled users to plug NFTs from 3 collections and claim daily emission rewards.
- Ensured accurate daily emissions and blockchain event ingestion with zero downtime.
- Ingested and processed on-chain events from 2 blockchains and 3 smart contracts to derive user state.
- Architected backend with Express.js, MySQL, and AWS Lambda microservices for large-scale blockchain event parsing and reward processing.

## \$RCADE | Side Quest

Revolving Games

- Scaled to 5M+ users; 120–150 RPS steady, 1K RPS sustained for 10 minutes on React, Express.js, and MySQL stack.
- Delivered a user-friendly interface with integrated backend tracking for progress, rewards, and daily spin bonuses.
- Engagement farming tool for the \$RCADE airdrop, driving participation with 4–5 meta-tuned social media missions daily (like, share, etc.).

## RG Bytes

Revolving Games • [opensea.io/collection/rg-bytes](https://opensea.io/collection/rg-bytes)

- Released with a capped supply of 4,999 NFTs, reaching 445 holders (~8.9% unique ownership).
- NFT collection on Ethereum's OpenSea, part of Revolving Games' 3-collection, 2-token ecosystem.
- Generated ~3–5K ETH in trading volume, driving engagement through exclusive blockchain gaming collectibles.

## Cheetay POP (Trivia)

Revolving Games

- Real-time trivia game with 10K+ active users competing in 10 rounds (~2–3 minutes each).
- Enhanced gameplay with 4 unique lifelines to boost engagement.
- Distributed PKR 10M+ in performance-based rewards to players.

## Fatal Frontier

Game View Studios • [bloodbrothersgame.fandom.com/wiki/Category:Hero](https://bloodbrothersgame.fandom.com/wiki/Category:Hero)

- Card-based gacha game featuring weekly competitive events.
- Offered 120+ unique cards, with ~20–30% of active players upgrading each week.
- Adapted from Blood Brothers (10M+ downloads), reimagined into a sci-fi universe with distinct gameplay elements.

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## EDUCATION

### BS IN INFORMATION TECHNOLOGY

University of the Punjab • Lahore • 2011 • 3.84

- Received scholarship for outstanding academic performance and consistent good grades throughout the 4-year duration.

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## AWARDS & HONORS

### Gold Medalist

University of the Punjab • 2011

- Highlights my dedication, hard work, and consistent excellence in a competitive academic environment.

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## SKILLS

**Languages:** JavaScript, TypeScript, Solidity, Objective-C, Swift 4.x

**Backend:** Node.js (Express.js), Firebase, AWS Lambda

**Databases:** MySQL, Postgres, Mongo DB

**Frontend & UI Development:** React, Redux Tool Kit, Next.js, Storyboards (iOS), Auto Layout (iOS)

**Blockchain:** Hardhat, Alchemy, Opensea Integrations

**Tools & API Integrations:** Github, Jira, Slack, Stripe, Discord, X (Twitter), Facebook, Google

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