

Sajid Javed

SOFTWARE ENGINEER

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About Me

With nearly 4 years of comprehensive experience in software engineering, I bring a unique blend of technical skills and innovative thinking to the table. As a proficient full-stack developer, my experience spans ideation to implementation across various projects. I have a passion for building dynamic, efficient, and scalable applications using the latest technologies. Through my tenure at Darkblock, I've demonstrated adaptability and resilience, meeting the company's evolving needs. I've developed a unique expertise in Decentralized Finance (DeFi) and its intersection with blockchain technologies. My experience as a technical writer has further honed my ability to communicate complex technological concepts effectively. I'm excited to bring this growth-focused mindset and commitment to a new challenge, where I can further sharpen my skills and contribute to a team's success.

Skills

Languages	JavaScript, TypeScript, Java, Kotlin, Python, Swift, CSS, C++, HTML, YAML, XML, SQL
Web Development	Node.js, React, Express, MongoDB, Gatsby, Next.js, REST APIs
Mobile Development	Android SDK, iOS SDK, RxAndroid, RxSwift, React Native, Room, Core Data
Cloud Services	AWS Lambda, AWS CloudWatch, AWS DynamoDB, AWS S3, Linux, Firebase
Database & Data Viz	SQL, NoSQL, AWS RDS, DynamoDB, Firebase NoSQL, Looker, Metabase
Testing & CI/CD	Jest, Chai, Supertest, GitHub Actions, Hilt, Dagger2, Espresso, XCUITest, CI/CD pipelines, Slack Integrations
Monitoring	AWS CloudWatch, Postman, AWS Synthetics, AWS EC2 Monitoring, Moesif
Programs/Tools	Visual Studio, Expo, XCode, Android Studio, PyCharm, WordPress, Ahrefs, Slack, Jira, Microsoft Office, Zeplin

Experience

Darkblock - Decentralized Unlockables

Washington DC, USA

FULL-STACK SOFTWARE ENGINEER

April, 2021 - Present

- Conceptualized, designed, and developed a robust full-stack web application that processed, analyzed, minted, and displayed Darkblocks, significantly enhancing the company's operational efficiency.
- Sole engineer from day one, instrumental in the entire development lifecycle of the company's web and mobile applications using diverse technologies such as React, Next.js, React-native, and AWS services.
- Built a scalable AWS infrastructure from scratch to empower partners and developers in minting Darkblocks with ease.
- Developed the Darkblock Client API, currently serving thousands of end-users, ensuring its development, testing, monitoring, and regular maintenance.
- Designed and implemented comprehensive CI/CD pipelines, ensuring rigorous testing and successful software lifecycle processes for each production commit.
- Streamlined the software development process by introducing best practices and methodologies, leading to enhanced product definition and customization based on user needs.
- Took the lead in writing comprehensive test suites for the Darkblock Client API using libraries like Chai and Supertest, bolstering the system's resilience and reliability.
- Set up custom workflows with GitHub Actions that were integrated with Slack for real-time notifications of the CI/CD pipeline's state, enhancing team collaboration and issue resolution speed.
- Instituted robust monitoring solutions using AWS CloudWatch Canaries and Postman for API performance, along with setting up cron jobs for space monitoring on EC2 instances, ensuring consistent high-quality service to end-users.
- Managed database needs by extensively working with SQL and NoSQL databases like AWS RDS, and DynamoDB, providing reliable data solutions for application development.
- Pioneered data visualization and ease of querying by integrating Amazon RDS with Looker and Metabase, improving the team's data accessibility and analysis capabilities.
- Leveraged comprehensive technical skills to contribute to continuously upgrading and re-imagining the company's web-app in Next.js, optimizing for scalability and performance.
- Developed an internal dashboard that leveraged DynamoDB data to generate meaningful stats, graphs, and tables, thereby providing valuable insights and aiding decision-making.

Self-Employed

Remote

MOBILE DEVELOPER & TECHNICAL WRITER

Feb. 2021 - April. 2021

- Worked remotely and collaborated with diverse clients, ranging from individuals to small and intermediate companies, bringing their software ideas to fruition.
- Maintained and upgraded software solutions for clients, consistently earning positive feedback for quality and timeliness.
- Successfully garnered work opportunities via freelance platforms such as Fiverr, Upwork, and Reddit, leading to a broad range of projects and experiences.
- Continuously sought, evaluated, and implemented new technologies to maximize development efficiency and deliver high-quality, future-proof solutions.

Dads Agree

Michigan, US

BACK-END ENGINEER

Feb. 2020 - Dec. 2020

- Achieved a 20% reduction in average content deployment time through an overhaul of XML web form processes.
- Designed and developed custom themes for e-commerce sites utilizing HTML, CSS, and JavaScript, enhancing the user interface and experience.
- Worked closely with a team of 4 to successfully migrate four blogs from WordPress to Dads Agree, marking the company's largest custom migration project.
- Collaborated closely with editors and writers to ensure technical accuracy and coherence of content, contributing to the overall success of the platform.

Shopsy.pk

Capital, Pakistan

JUNIOR ANDROID DEVELOPER

May 2019 - Dec. 2019

- Collaborated with a team of senior developers and designers to enhance the user experience of the Shopsy.pk Android app, leading to a 17% increase in positive user reviews.
- Utilized knowledge of serial communications and database design to develop intuitive graphical user interfaces.
- Conducted requirements analysis, design, development, and testing for monthly releases, ensuring timely and high-quality application updates.
- Provided mentorship to interns, fostering a learning environment and promoting knowledge sharing.

Writings

ChatGPT-4: A Quantum Leap in AI Conversations

Medium

WRITER

April 2023

- Highlighted the advancements in AI conversations brought by OpenAI's ChatGPT-4.
- Analyzed its implications for the future of human-computer interaction.

Sustainable Future with DeFi

Medium

WRITER

May. 2021

- Explored the potential of Decentralized Finance (DeFi) to transform the financial industry.
- Analyzed the role of DeFi in promoting environmental sustainability.

Everything You Need to Know About Hardware Security Keys

Medium

WRITER

Mar. 2021

- Provided an overview of hardware security keys and their role in online security.
- Explained the setup and use of hardware security keys.

Everything You Need to Know About Blockchain Technology

Medium

WRITER

Mar. 2021

- Broke down the basics of blockchain technology and its applications beyond cryptocurrencies.
- Discussed future developments and challenges in blockchain technology.

What is Checkm8? Did Axi0mX Really Checkmate Apple?

Medium

WRITER

Mar. 2021

- Analyzed the Checkm8 exploit discovered by Axi0mX and its implications for Apple.
- Explored the broader debate around hardware and software security initiated by Checkm8.

Dark Patterns: How You Are Being Deceived through Manipulative Design Techniques

Medium

WRITER

April 2021

- Explored the manipulative practices in user interface design known as "dark patterns."
- Discussed their impact on consumer behavior and ethical considerations.