

ALI BASSIOUNI

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EDUCATION

Pennsylvania State University - University Park

Bachelor's, Computer Science

August 2018 - May 2022

EXPERIENCE

Bosta

Software Engineer, Growth

Remote

March 2025 - Present

- Drove user engagement growth by redesigning and implementing dashboard features using React and LESS, resulting in 27% increased session time and improved customer retention metrics.
- Enabled market expansion strategy by developing experimental mobile applications using React Native and Expo, providing the company with validated prototypes to enter new revenue streams.
- Reduced operational costs and accelerated development velocity by leading the migration of legacy React application from Webpack to Vite, cutting build times in half and delivering 18% reduction in cloud infrastructure costs.
- Architected internal React Native component library using Styled Components and Storybook, accelerating feature delivery by 35% and ensuring design consistency across mobile application offering.

Masria Digital Payments

Mobile Engineer (React Native)

Remote

January 2023 - February 2025

- Collaborated on the architecture and development of a scalable, white-label prepaid card management fintech app, adopted by 5 banks across 3 countries.
- Developed and shipped native Kotlin NFC payment modules for React Native and Android using custom SDK and object-oriented design patterns, being the first to develop the feature in Egypt.
- Built custom Continuous Integration (CI) pipelines to build React Native applications for Android and iOS for multiple environments, saving 25 developer hours weekly.
- Collaborated with banking clients to translate complex requirements into compliant solutions, achieving 100% client satisfaction across all delivered projects.
- Coordinated with product owners using Agile development methodologies, prioritizing user-centric development of features.

PROJECTS

Entrybase - [Link to project](#)

October 2023 - Present

- Architected and built an open source waitlist management and analytics SaaS platform to enhance website launches and marketing for SaaS owners using Next.js.
- Deployed user facing REST API on Cloudflare Workers enabling seamless integration into any website.
- Developed a high-performance real-time websocket server in Rust, integrating with a REST API to instantly update dashboard data from a waitlist system.

SideprojectAI - [Link to project](#)

May 2023 - Present

- Founded and launched a Software as a Service startup to generate resume bullet points for GitHub repositories using artificial intelligence technologies.
- Developed a fullstack Next.js application using React.js, Typescript, and TailwindCSS to create responsive user interfaces.
- Architected a serverless REST API using Node.js and deployed on AWS Lambda, optimizing backend processes and enabling data retrieval for users.

SKILLS

Web Development: HTML, CSS, JavaScript, TypeScript, Next.js, Node.js, React.js, Express.js, Cloudflare Workers, Serverless, AWS Lambda

Mobile Development: React Native, Android, Kotlin, iOS/Swift, Expo, React Navigation, Maestro

Tools: SQL, PostgreSQL, MySQL, NoSQL, MongoDB, Docker, Figma, Cloud, AWS, Azure, Github Actions