Ali Bassiouni

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Education

Bachelor of Science in Computer Science,   Aug 2018 – May 2022
The Pennsylvania State University
GPA: 3.2

Experience

Mobile Software Developer (React Native),   Nov 2023 – Mar 2024
Masria Digital Payments

- Developed and shipped native Kotlin NFC payment modules for React Native and Android using custom SDK, being the first to develop the feature in Egypt.
- Advocated for and led rewrite of legacy React Native app to Expo, improving developer experience, maintainability, and performance.
- Collaborated with design teams to translate UI/UX designs into intuitive and responsive interfaces.
- Coordinated with product owners in an Agile framework, prioritizing user-centric development of features.

Projects

Entrybase ⬈   Oct 2023 – present

- Architected and built an open source waitlist management and analytics SaaS platform to enhance website launches and marketing for SaaS owners.
- Integrated globally deployed Edge network REST API on Cloudflare Workers for users to integrate easily into any website.
- Designed and developed landing page from scratch including intricate CSS and SVG animations using TailwindCSS.

Sideproject.ai ⬈   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.
- Deployed a MySQL database to ensure robust and secure storage of user and generation data.

Senior Capstone - Vehicle Test Data Analysis And   Aug 2021 – Dec 2021
Visualization, Volvo Group Trucks

- Initialized a PostgreSQL database to store large datasets from truck sensors accessed from a python library.
- Assessed data quality according to uniqueness, validity, completeness, and accuracy metrics by utilizing Pandas to build a Python function library, improving overall sensor performance.
- Constructed a Power BI dashboard to visualize results from python library using graphs and charts.
- Led a team of 7; coordinated meetings with management, assigned tasks and supervised progress.
- Prepared technical presentations and showcased findings to a team of 7+ managers.

Skills

Web Development (HTML, CSS, JavaScript, Typescript, Next.js, React.js, Node.js, Express.js, Cloudflare Workers, Serverless, AWS Lambda),
Mobile Development (React Native, Android, Kotlin, iOS, Swift, React Navigation, Expo, Metro),
Design (UI/UX, Figma, Adobe Illustrator)