

Ahmed Soliman

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SKILLS

Industry Knowledge: Full-Stack Development, Front-end Development, Back-end Development, Web Applications, Microservices, RESTful APIs, CI/CD, Text-to-Speech Synthesis, Chrome Extensions, Protocol Buffers, and Automation.

Tools & Technologies: TypeScript, GoLang, JavaScript, ReactJS, NodeJS, MobX, ElectronJS, Node.js, GraphQL, AWS, gRPC, Python, HTML5, Cascading Style Sheets (CSS), Git, Github.

EXPERIENCE

Senior Software Engineer [FULL-STACK]

Spring

January 2022 - February 2024, Austin, Texas, United States · Remote

- Led migration of legacy Ruby on Rails app, upgrading from Ruby 2.4 to 3 and Rails 4 to 7, ensuring seamless transition and system reliability.
- Spearheaded the transformation of the legacy monolith codebase by architecting and implementing modern microservices using Node.js, TypeScript, CouchDB, and gRPC, enhancing scalability, and maintainability.
- Designed an interpreter for compiling Protobuf messages into GraphQL/TypeScript, streamlining microservices' data communication.
- Pioneered the implementation of a fully automated CI/CD pipeline, managing private npm packages for efficient version control and module distribution.

Senior Software Engineer [FULL-STACK]

Speechify

October 2021 - January 2022, San Francisco Bay Area · Remote

- Used AWS Polly alongside a few other AI solutions to generate 130+ human-sounding voices in 30+ Languages.
- Used TypeScript, ReactJS, and SCSS to implement and maintain the Speechify Chrome Extension, providing features like Reading and modifying opened webpages such as Google Docs, Emails, etc.
- Developed and maintained Speechify's web application, using NextJS, AWS ServerLess Lambdas, providing features such as "User Library", "Import from URL", "Upload docs/pdf", and read from an image using Optical Character Recognition (OCR) AI technology.
- Contributed to a platform-wide project of creating centralized APIs using NodeJS, TypeScript, Firebase, and GCP to unify the backends used by the product's various clients such as Web, Desktop, iOS, and Android applications.

Engineering lead

Famous

May 2019 - October 2021, San Francisco Bay Area · Hybrid

- Used ReactJS, ElectronJS, MobX, NodeJS, Postgres, Docker, and AWS to maintain and introduce new features to Famous-Studio "a visual design software" that works both in the browser as well as cross desktop platforms.
- Implemented Collaboration and real-time communication channels using WebSockets and NodeJS.
- Created a new "File Browser Interface" aiming at providing the users with an existing yet familiar native browsing experience on the web platform using ReactJS, Shuffle lib, and MobX global state manager.
- Crafted deep integration with Shopify by compiling (Low Code) Famous designs into valid HTML, CSS, and JS, allowing our users to programmatically publish their designed e-commerce landing pages to Shopify stores.
- Architected and executed customer entitlements system and payment gateway utilizing Stripe APIs.
- Implemented asset library, providing our users with millions of assets - ready to use in their Famous designs through utilizing 3rd party stock photos and video libraries such as Unsplash and Pexels.

Senior Software Developer [FULL-STACK]

Firewood Marketing

July 2017 - May 2019, San Francisco Bay Area

- Coding marketing software solutions for top-notch companies such as Google, YouTube, LinkedIn, Mercari.
- Developing an internal/External software solution aiming at further organizing the workload, more effective cooperation with localization agencies, and overall minimizing the time and effort spent in each project, using React, Redux, NodeJS, and MongoDB.
- Crafted the styling code for the new Google Cloud Partners platform user interface using SCSS and Compass.
- Developing tools and software solutions for automating internal tasks using Python and JavaScript.
- Created data visualization dashboards to showcase profits and KPIs in the form of a monthly report for the RTB program at LinkedIn.

EDUCATION

FullStack Web Development Nano Degree, Computer Software Engineering

Udacity · 2018

Information Technology

Ain Shams Academy - I.T. · 2009
