

# Medhat Alhaddad

**software engineer** (Ruby on Rails, JS, React, React Native, AWS, Microservices) experienced in working with international teams and clients, seeking a new challenge to build novel B2C products

## EXPERIENCE

### [Shakacode](#), Remote(USA) — *Software Engineer*

Leading software House in Rails community August 2021 - PRESENT

- Built backend APIs for CRUD operations, authentication, authorization, and calculating KPIs, and wrote unit tests and API tests
- Developed Chrome Extension for comparing rental prices and real-time Scraping webhooks to observe Renting websites(Airbnb, Booking).
- Improved SEO and accessibility by 38%, and implemented code-splitting & lazy-loading to optimize performance by 19%.
- Led development team to build and ship products, Providing technical guidance to developers and performing code reviews and knowledge sharing

**Leveraged Knowledge:** *Ruby on Rails, React.js, Postgresql, Redis, Rspec, webpack, Rescript.*

### [Popmenu](#), Remote(USA) — *Software Engineer*

November 2021 - August 2022

- Ensured seamless integration between multiple POS systems (Stripe, Square, Clover, NCR Silver) and internal schema by syncing their DB schemas. Achieving efficient streamlined for millions of transactions daily.
- Improved syncing performance by implementing real-time web-sockets technology, replacing outdated pulling techniques. Enabling instant and reliable data synchronization between systems.

**Leveraged Knowledge:** *Ruby on Rails, React.js, PostgreSQL, Redis, Rspec, Cypress.*

### [Femesty](#), Remote(Germany) — *Software Engineer*

outfits e-commerce mobile application June 2020 - June 2021

- Developed Femesty Mobile Application and wrote Tests using Jest and Enzyme.
- Maintained the project's CI/CD pipelines using Docker, GitHub Actions, and AWS.

**Leveraged Knowledge:** *Js, React Native, SYMFONY (PHP), AWS, Jest, and Enzyme.*

## EDUCATION

### [Ain Shams University](#), Cairo (Egypt) — *Computer Engineering B.S.E*

Graduated October 2021

EU Blue Card-eligible university & degree, university among Top 3 in Egypt.

## PROJECTS

### [Mips Simulator](#) — *MIPS Data Path and Control Unit Simulator in Java*

showcasing assembly-to-binary decoding and processor flow. Included a GUI with an assembler and additional instructions.

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## SKILLS

**Stack:** Ruby on Rails, React, React Native, JavaScript, HTML5, CSS3, PostgreSQL, Android.

**Others:** Python, Typescript, Rescript, Redis, RabbitMQ, GraphQL, AWS (EC2, S3, RDS, Lambda, EKS), Heroku, Rspec, Jest, Cypress, Git, REST API, Docker, CircleCI, Figma, Datadog.

## AWARDS

### **Utilization of ML in RTL-GL Signals Correlation (2021)**

IEEE Published Research Paper Presented at the SPIN International Conference (Graduation Project)

**ACM International Programming Contest, Coach (2021)** Ranked 108 worldwide.

## LANGUAGES

**Arabic** native  
**English** C1, fluent  
**German** A1.1, beginner