

James Ramos

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Websites, Portfolios, Profiles

- <https://jamesramos-star.github.io>
- <https://www.linkedin.com/in/james-ramos-3279b9314>

Professional Summary

A straightforward communicator who is friendly, honest, and open to learning and innovation. Understands that startups involve hard work, setbacks, and continuous improvement, with no quick or easy wins. Focuses on creating the best possible product rather than aiming to get rich quickly

Skills

- JavaScript, TypeScript, Python
- React, React Native, Node.js, Django, Flask
- PostgreSQL, MongoDB
- Docker, AWS, Selenium, Nginx

Work History

Full Stack Engineer

Oct 2023 - Jun 2024

Comarch

Krakow, Poland

Played a pivotal role in the development of Comarch HomeHealth 2.0

- Updated 3+ components in the frontend and wrote the corresponding backend code for the updates
- Integrated 6+ measuring devices to the app using CoreBluetooth and RESTful APIs
- Parsed the data from the device according to the protocol and saved it locally in SQLite
- Wrote unit tests for all presentational components using Jest

Full Stack Developer

Mar 2018 - Oct 2023

Emerline

Heidelberg, Germany

Successfully delivered two healthcare projects: one a startup initiative, and the other an enterprise web application, demonstrating versatility and expertise in both startup and enterprise environments. As a result, a developed custom EMR system with an easy-to-use custom document editor can also be sold as a stand-alone solution to third-party providers, delivered MVP for startup, and passed 2+ rounds of investments

- Attended multi-tier, duo-core backend of Python, Django and DRF frameworks
- Developed JSON format based online editor for documents from scratch in ReactJS frontend
- Built mobile application for patients for iOS and Android with the use of React Native
- Wrote a highly-visualized admin panel and streamlined the process of report generation and downloading
- Designed and enhanced database of the solution, using PostgreSQL and Redis
- Established the solution's integration with the Veradigm ePrescription system
- Implemented the scheduling component with the use of Celery in Python backend
- Prepared datasets for building and training the model using Selenium and Amazon S3
- Created a data processing pipeline that integrate with scraping data using AWS SageMaker
- Generated AI model to detect and act on hormonal imbalances, improved accuracy by 98.9%
- Collaborated daily with the CEO to enhance the product performance and its accuracy

Front End Developer

Mar 2016 - Jan 2018

Amadeus IT Group

Madrid, Spain

Started as an intern in the product development department of Amadeus IT Group. Collaborated closely with senior engineers. Advanced to junior mobile developer within 2 years

- Translated Figma designs into working UIs on Web and Android platforms
- Developed Single Page Applications using React, Redux and Material UI
- Wrote mobile app for iOS and Android using React Native from the scratch
- Troubleshoot embedded software used in wireless data networking for CDMA/LTE/5G phones and tablets
- Integrated Amadeus travel APIs into the project, enhancing the functionality, and improving the overall user experience
- Worked in a team as well as independently and delivered on aggressive schedules and goals

Education

Bachelor of Science: Computer Science

Jan 2016

Poznan University of Technology

Poznan. Poland

Project Leader in "Computer Science Club", led 3 incubator projects during the undergraduate years, one of them nominated in "IT Festival" held in Poznan