Alon Barenboim

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I'm a Software Engineer and Freelancer Full Stack developer with 2 years of hands-on experience in End-to-End development of web applications and API's. Software development is my passion. I'm always curious about new technologies and learning new methodologies, as well as best practices. I'll be happy to get an opportunity to prove myself as a helpful team player and an excited developer, and join your team.

Skills

- I have hands-on experience in **React.js, React Native, Vue.js, Redux, Node.js, Express.js, AWS S3, VPS (DigitalOcean)**, HTML5, CSS3, **Javascript, Typescript, PostgreSQL, MySQL, MongoDB**, Sequelize, Git, Github, Bootstrap, MaterialUI
- I also have a practical experience in **C, C++, Python** and **Java**, in both Windows and Linux environments.

Experience

Full-Stack Developer / Freelancer / 06.2020 - PRESENT

As a Full-Stack developer I have proven experience in End-to-End development of web applications, API's and mobile applications, from the requirements and design phase till product deployment.

Highlighted projects:

IM.Barber – React-based online store and corporate website for Barbershop. This project includes a users management system, orders and products management system, design and branding, all made originally from end to end according to customer's specifications.

Cellu – React Native-based mobile application which allows users to locate cellular antennas in Israel according to GPS\Address. Cellu is actively listed in android's Play Store, and was downloaded by thousands of users since deployment.

Education

B.Sc Software Engineer / Ort Braude, Karmiel, Israel / 10.2017 – 02.2022

Final project – Balloon and Camouflage Real-Time detection and liquidation with drones:

I was responsible for the implementation and integration of YOLO machine learning algorithm in Python and C++, for real time detection of incendiary balloons from a live video stream from a flying drone's camera.

The system dynamically tracks the targets and points a laser beam towards the target for it's liquidation. In this project I was responsible for the implementation, integration, debugging and optimization (C++/Python) of the ML algorithm with a Laser module, which adjusted by pan-tilt servos and controlled by Arduino.

Systems Design and Development / Ort Moshe Sharet, Nof Hagalil / 09.2011 – 11.2013

- Technical Certificate – Ministry of Education, Israel
- Certificate of Excellence – June, 2011 - Rafael ADS Ltd.
- Certificate of Excellence – July, 2013 - Rafael ADS Ltd.

Military Service

Full Service / IAF / 03.2014 – 03.2017

Languages

Hebrew – Native
English – Professional Working Proficiency