

# Alon Barenboim

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I'm a Software Engineer and a 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.

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## Skills

- React.js, React Native, Redux, Node.js, Express.js, AWS S3, VPS (DigitalOcean), HTML, CSS3, Javascript, PostgreSQL, MySQL, MongoDB, Sequelize, Git\Github
- I also have a practical experience in C, C++, Python and Java, in both Windows and Linux environments.

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## 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** – An React-based online store and corporate website for private customer. I was responsible for the design, branding, development and deployment of the website, including an ecommerce store, users and orders management systems made originally according to requirements from the customer.

**Cellu** – A 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.

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## 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