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

- C, C++, Python and Java, in both Windows and Linux environments,
- Front End: React.js, Redux, React Native, Vue.js, JavaScript ES6, TypeScript, Git, Github, Bootstrap, MaterialUI, HTML5, CSS3
- Back End: Node.js, Express.js, PostgreSQL, MySQL, MongoDB, DigitalOcean, Sequelize.js, AWS S3

Experience

Full Stack Developer / Freelancer / 06.2020 – PRESENT

- Developed complex front end UI applications in JS libraries such as React.js, Redux, React Hooks
- Developed server side applications in Node.js, Express, PostgreSQL and MongoDB
- Experienced in developing, testing, deploying and supporting software in a production environment
- Hands on experience in developing API integrations and RESTful APIs
- Experienced in Object Oriented Programming (OOP), as well as functional programming concepts
- Highlighted projects:

  IMBarber.com – React/Node.js based online store and corporate website for a barbershop business. Includes a store management and user authorization systems in a Node.js environment, built using Express.js framework, Sequelize.js as ORM, PostgreSQL as database, and React.js as a front-end library.

  Cellu5G – React Native based mobile application which allows users to locate cellular antennas using GPS geolocation or addresses. 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 College, Karmiel / 10.2017 – 02.2022

Final project – Incendiary Balloons real time detection and liquidation with drone:

- Experienced with deep learning frameworks such as pyTorch, Tensorflow
- Experience programming in C++ and Python in a Linux environement
- Implemented and integrated a YOLO object detection algorithm with a drone in order to track and destroy incendiary balloons
- Improved inference speed achieved by previous group of students by more than 400%
- Programmed, wired, tested and itegrated Arduino boards with various components

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 Proficien