

# Abel Assefa

## Software Engineer/Consultant

(571) 251-2195 | [Email](#) | [GitHub](#) | [LinkedIn](#) | Alexandria, VA

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### TECHNICAL SKILLS

**Technologies:** JavaScript, ES6, HTML5, CSS3, Bootstrap, React, Redux, Node.js, Express, Python, Java, SQL, AWS Postgres, MongoDB, SASS, jQuery, Firebase, Flask, Webpack, NPM, R, Machine Learning,

**Tools:** Git, Docker, AWS, Postman, Mailchip, Hubspot

**Techniques:** Agile Development, Test-Driven Development, Microservices, OOP, REST, Pair Programming

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### SOFTWARE DEVELOPMENT PROJECTS

**Property Management App** (*Fullstack Project*): [\[GitHub\]](#)

- Using React develop Easy-to-use software for rental property owners.
  - The software Generates invoices, will accept payments from tenants,
  - The application allows tenants to update their profile information
  - View building documents, View Front Desk notifications
  - Submit Maintenance Requests, Post on the property bulletin board
  - Message other users (Admins, Front Desk, Maintenance, other tenants)
  - View Announcements posted by Admins
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### EXPERIENCE

**Coding Temple** / Software Developer (*Remote*)

06/2022 - Current

- Collaborated with front-end and back-end development teams to ensure seamless user interaction with dynamic content and services.
- Developed a full-stack e-commerce website using React, Firebase and Chakra UI allowing users to browse products,
- purchase desired products and manage their purchases, using Stripe as the payment processing system.
- Generated weather app widget using the Open Weather Map API, CSS, vanilla javascript and AJAX to update the location, temperature, and weather description for the user's city of interest.
- Created Blog-post application using Flask and Bootstrap. Log-in, capabilities and user registration included.
- Resolved errors and bugs through debugging so that applications written in Python or JavaScript in Flask and React would work before set deadline by either printing or console logging to detect issue or looking at documentation

**Freelance Consulting / IoT Consulting & Digital Marketing Consulting (Alexandria, VA)**

06/2018 - Current

- Experience designing IoT device networks such as LoRA, Zigbee, Zwave, and learning matter.
- Experience in cloud computing, network programming, embedded system programming, big data analytics, AI/Machine Learning, and microservices architecture
- Experience building one or more specific IoT industry solutions (i.e. smart cities, Smart buildings, asset tracking, Smart homes, etc.)
- Ability to architect end-to-end solutions for our customers using IoT Platforms and Services
- Knowledge of IoT platforms such as AWS IoT, Azure IoT, GE Predix, PTC Thingworx and others
- - Knowledge of mobile applications such as Android, iOS native applications, and hybrid applications

**Simply Green / Account Executive/ Marketing Consultant (Toronto, On)**

09/2015 - 05/2017

- Created robust digital marketing solutions for homeowners upgrade their furnaces, air conditioners, water heaters, water filtration
- Designs, develops, and delivers sales proposals and presentations on product benefits.
- Attends all sales meetings and training sessions as required by management.
- Unearthing new sales opportunities through networking and turning them into long-term partnerships
- Handling complaints and negotiations with homeowners for their products and services
- Actively and consistently supports all efforts to simplify and enhance the customer experience.

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**CERTIFICATES**

**Coding Temple Bootcamp(Full stack Development) | AWS Certified Cloud Practitioner | Building Automation System Fundamental | Project Haystack for Learning (Basics semantic data model) |**

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**EDUCATION**

**TC William High School  
Ryerson University**

05/2006