

Vincent Youmans

Resume 11.03 - 09/15/2019

Cover Letter:

To whom it may concern:

I am interested in a position as a Software developer doing

- GoLang
- Flutter for iPHONE and ANDROID
- Ethereum, Quorum or Hyperledger Fabric
- iOS and ANDROID Native Development
- Software development / Project management.
- IoT hardware/software full stack development
- Docker - Kubernetes - Serverless

Currently I am on contract with Capital One as a GoLang / AWS LAMBDA / ALB Engineer.

Available as Contractor via VYOUMANS.COM LLC or W2 Full time.

Sincerely

Vincent Youmans

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Objective:

Software Engineer doing....

- GoLang
- Mobile Development : Flutter, SWIFT, KOTLIN or ObjC, ANDROID.
- IoT,
- BlockChain - Quorum, Ethereum or HyperLedger.

Currently:

On Contract with Capital One in Washington DC / McClean Va. Schedule to end Sept 4th, 2019. GoLang Engineer on AWS Lambdas using ALB (Application Load Balancers).

Past Work Summary

- Results-driven professional offering a progressive fifteen-year career in information technology. As Programmer and IT Project Manager with budgets >\$10 million.
- Apply new trends in Technology in disruptive ways to gain verifiable operations improvements.
- Process improvement champion with a history of implementing new procedures and technologies to strengthen security posture, enhance operational efficiency, and control costs.
- Member of R and D teams that brought new / innovative technical products to market.
- Communication skills in English and Spanish.
- Usually client facing member of consulting team.

Contact

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SKILL SETS

Technical (skill level 1 - 10)

- Flutter / Dart (8)
- GoLang (8)
- C#.net (6)
- VUE.js / ANGULAR / REACT (4)
- Node.js / Express (7)
- JavaScript (5)
- iPHONE Cocoa (Swift / Objective C) (7)
- Android (Java / Kotlin) (7)

- MS Windows
- Linux
- Mac OSx
- Chrome
- Docker
- Ubuntu Core / Snap

- AWS Lambdas / ALB (7)
- Google App Engine (8)
- FireBase (8)
- NoSQL (8)
- SQL
- MS SQL
- ORACLE
- mySQL
- MongoDB (6)
- Assorted Embedded goLang DB's - Bold.DB - IoT
- gRPC / Protocol Buffers (7)
- REST (GoLang REST services) (8)

IoT - Internet of Things - Embedded Devices.

- Including Firmware / Software Drivers / Hardware.
- ESP 32 - RaspPi, MQTT Mongoose OS
- Google Cloud IoT Core
- RFID (ISO 14443) (software driver development / hardware design)
- NFC - BLE

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BlockChain - Advanced

- BlockChain
- BitCoin,
- Ethereum,
 - Solidity (Smart Contracts)
- Quorum
- HyperLedger
 - goLang - chainCode
 - Hyperledger Composer

Industrial

- PLC - MMI / SCADA / EXPERT SYSTEMS
- Deep understanding of Various Industrial Networks, such as..
 - ProfiBus, CAN, Foundation FieldBus, TiWay, Modbus, Data Highway.

WEB

- WordPress / Drupal
- HTML / CSS / BootStrap
- Vue.js / Polymer.js
- Static Site generation - HUGO

OTHER:

- Github - DOCKER / Kubernetes / CircleCI (5)

EDUCATION

University of Delaware

BA - International Relations / Spanish '90

LINKS

GITHUB: <https://github.com/vinceyoumans>

LinkedIn : www.linkedin.com/in/vincentyoumans/

GMAIL: Vinceyoumans@gmail.com

WEB SITE: vyoumans.com

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History

2016 - 2019 Primarily, GoLang, Swift, Kotlin, Flutter/Dart, Firebase, Hyperledger.

Capital One bank - CONTRACT

McLean Va. (2/10/2019 - Current)

Primarily GoLang Engineer on AWS LAMBDA / ALB.

Beginning new role as GoLang and Mobile developer.

SHELL - SOFTWARE DEVELOPER - CONTRACT

Houston Texas. (09/10/2018 - 2/1/2019)

GoLang microservices, Flutter Development.

Finished Project ahead of schedule.

Developing online Classes

Date: 2018

Flutter, Ethereum, Hyperledger. All still in development.

Rebuilding SCAI-QIT Project - version 4.

Date: 2018

Software Developer - GoLang, Firebase/Flutter, Lead Designer/Architect.

SCAI-QIT.ORG: a Healthcare decision support system for Emergency Room Catheter Labs that became 1st in its category for web, iPHONE and ANDROID. I Conceived, Pitched, Developed entire system. Used by Cardiologists to justify Stent Procedure. In 2015 the system was picked up by [Society for Cardiovascular Angiography and Interventions \(SCAI\)](#), funded by Astrazeneca, Daiichi Sankyo, Inc. Currently the web application is used in Emergency Room Catheter Labs. The Native iPHONE and Native ANDROID apps have expired but I am developing version 4 of the system that includes many innovations, including BlockChain ledger for integration with Healthcare management Systems.

REbrand [TimCanova.com](#) for congress web site.

Date: 2018

Position: Volunteer Software developer for Wordpress and Drupal sites. Editor. Campaign Staff.

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PTT - Personal Train Tracker

Date: 2018

Position: Software Developer in Firebase/Flutter, GoLang, BlockChain. Designer/Architect.
Smart Phone / Logistics / Hyperledger Fabric fintech. Startup Project to disrupt Public Transportation. Train, Bus, Tolling.

ACMS - AntiCoagulant Management System.

Date: 2018

Position: Software Developer in Firebase/Flutter, GoLang, BlockChain. Designer/Architect.
TeleMedical, Pharmacy compliance for Warfarin patients. Complement for SQIA-QIT system.
Enables Interventional Cardiologists to remotely manage Warfarin Patient population while lowering office visits, raising compliance reporting. ACMS also used as an outpatient, post Stent procedure Management system.

RFBC - UHF/Rfid reader that posts directly to BlockChain ledger

Date: 2018

Position: Hardware/Software Developer in Firebase/Flutter, GoLang, BlockChain.
Designer/Architect.

Developed prototype hardware and software, medium range, UHF RFID reader that submits to BlockChain Ledger. Technology: goLang, MQTT, Google App Engine/Firebase, Hyperledger Fabric and Ethereum, over WiFi, Cellular or LoRa. Using UHF 900Mhz (long range), ISO14443 13mhz RFID.

Clever Caps - <https://cmtcares.com/>

Date 2017

Position: Consultant. Developer: C#.NET, Firebase, Angular / Ionic mobile development.

3363 NE 163rd St Suite 802 North Miami Beach, FL 33160 - 1-855-625-3837

Startup in Telemedical Pharma Management and compliance. Patient facing System to announce Pill Schedule, Mechanically dispense pills and reporting. I developed Cloud strategy, Mobile App, Authentication, Mobile Messaging and prototyped dispensing systems that primarily used Google Firebase services.

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Flomio - <https://flomio.com/>

Date 2016 - 2017

Position: Consultant/Contractor. Developer: Android/Java, iOS/Swift, ObjC, BLE, RFID, Cloud, Node.js.

Software and hardware development in RF space. Retask / Reverse engineered hardware SDK's, Developed ANDROID / SWIFT API's.

BiCatch Documentation system - State Department

Date: 2015 - 2016

Position: Consultant, Developer Architect.

Technology: GoLang, IoT, Google App Engine. TensorFlow

Prototype system for commercial fishing vessels to photo and record Bi Catch.

MEZUN.COM

Date: 2015-2016

Position: IT Director

Project to redesign / relaunch MEZUNE.COM. One of the top Turkish websites.

MEZUN.COM Prepaid Calling card App.

Date: 2015

Position: iPHONE / ANDROID Developer.

Developed native iPHONE and native ANDROID for Mezun Prepaid calling card app.

SHOE99 project

Date: 2014

Position: Contract Developer, Architect. Android and WEB.

Technology: GPS, Php, MySQL, Android Java. Firebase/Polymer

Android App for client trucking fleet to log location, condition and other metrics of remote assets.

Intelect Corporation

4000 Dillon Street, Baltimore, MD 21224

Date: 2013-2014

Position: Project Manager, developer, Industrial Analyst,

Surveyed, proposed and designed upgrades to several subway train systems.

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SCANTECH IA

Baltimore Md.

Date: 2003-2009

Position: CTO

Tech startup with two missions.

- Mission 1... Document Scanning and Digestion services. I developed software and platform, including customized digestion and workflow. Expert in DMS systems.
- Mission 2, xGate: Industrial Automation Software / Hardware Product that I conceived, developed and brought to market. Clients included Seagrams and Anne Arundel County Municipality.

Developed:

- **xGATE** - Industrial Multiprotocol PLC network system. System permitted multiple brands of PLC to communicate in their native protocol. For example. Modicon (modbus) could read/write to Siemens or Allen Bradley brand PLC.
- **xtREND** - real time Alarming / Data Acquisition system that paired with xGATE. Innovation included a simple software portal for Low wage line workers to make / test observations about line operations with objective to make corrective improvements. Seagrams increased 750ml Bottle Line production from 200 to over 300 Bottles Per Minute in less than 2 days. A seagrams Executive commented that Return On Investment was about 20 minutes.
- **xStripe** - Custom interface between PLC and Barcode readers. Anne Arundel County, Md. used xStripe to integrate access control over remote pumping stations.

Seaworth Systems Inc.

Date: 1999 - 2003

Position: Senior Systems Analyst, Architect, Project Manager, developer.

Technology: Borland C++, Oracle, MS Network.

Developed several Mission Critical applications for DOD (Depart of Defence) and MSC (Military Sealift Command) including:

- SAMM - (Shipboard Automated Maintenance Management). Tracking and Scheduled Corrective and preventive maintenance for MSC and DOD Navy ships. System also predicted machine failure / recommended preposition Inventory at remote ports.
- RoRoSched, (Scheduling system for Roll on ROLL off vessels)
- Developed first large scale Document Management System for Military Sealift Command.
- Developed / Managed / Trained 3rd party subcontractors.

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- Developed Diagnostic Expert System to assist Field Engineers.
 - System automated an average of 30 hours manual Engineering labor into a 1 minute process while dramatically improving accuracy and conformance.

TopTools Automation Inc.

Date: 1995 - 1999

Position: Senior Systems Engineer. Project Lead, Architect.

Technology: Borland C++, Ladder Logic, senior technical team for MMI system.

TopTools was the Consulting practice for Cement Francais in North America. Specialized in Continuous Process, MMI, PLC, SCADA and Expert Systems. Primarily MODICON 984 PLC.

Clients were generally Cement factories. I had two primary roles:

- **Role 1**, Project manager / Senior engineer / developer for control system solutions. Primarily Cruz Azul in Mexico with average budgets of \$10 million. I was tasked with most of the Latin American / Spanish Language projects as well as non standard (non Modicon) projects that required one-off customizations and experimentation.
- **Role 2**, I developed software and some hardware for 2 products that TopTools brought to market.
 - Product 1 Monitoring and compliance system for ElectroStatic Precipitators. Public facing portal for local politicians and inspectors to observe Smokestack emissions in real time. I developed hardware and Software.
 - Product 2: An EXPERT SYSTEM, that interfaced with the Industrial MMI (Man Machine Interface) and acted as an "AutoPilot" in control room. It also assisted in Startup and Shutdown procedures.

EPSILON Inc.

Marcus Hook, Delaware

Date: 1993 - 1995

Position: Contract IT, Engineering.

Polypropylene Manufacturer. I joined during construction phase of Marcus Hook Factory after being recommended by Senior Executive at Himont Inc (a competing polypropylene producer).

First experience with Modicon 984 PLC, which eventually lead to position with TopTools Inc.

Among my Duties,

- Developed JIT (Just In Time) Railroad scheduling system for 180,000 lb Hopper cars. As Factory had no Storage Silos, this system became mission critical.
- Developed Parts and Planning logistics system during construction phase of the factory.
- Developed SCADA system that recorded factory Metrics for executive review and audit.
- Network and System admin... numerous other IT tasks.

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HIMONT U.S.A., Inc.

2801 Centerville Road Wilmington, DE 19850-5439

Date: 1989 - 1992

Position: Software Developer, Support, Research and Development.

Himont is a Polypropylene Producer. Competes with Himont

Projects included:

- PQS - Automated, Predictive Quote and Reporting System. I conceived and developed entire system. Became mission critical for some downstream business process especially scheduling delivery assets. Reports became daily read for C level executives.
- Part of Internal, C level, Marketing Study with objective to move Himont away from commodity product into more specialized, higher margin, non commodity Market.
- Tasked to identify / study alternative markets such as Polypropylene minesweepers for DOD.

TeleCall Inc.

153 Chestnut Hill Rd., Ste. 3 Newark De 19713

Date: 1989 - 1991

Position: IT Director / Developer.

1000 seat Inbound/Outbound contract call center primarily doing marketing in Subscription and Financial sector. I started as a part time software developer while at UofD. My Duties:

- Developed outbound predictive Dialer system.
- Upon Graduation, I remained as IT director while part time at Himont. As IT director my duties expanded to:
 - Managed and trained Managerial Staff.
 - Technical contact with clients.
 - Developed Custom Call Campaigns for Clients.
 - Approximately 5 managers reported to me directly.

University of Delaware

Newark, Delaware, 19717

DATE: 1990

BA - International Relations - Spanish

AS - Electrical Engineering

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SPAIN

Date: 1989 - 89

Student, Software Programmer and sailing instructor. Projects included...

- DB System to assist doctors track and log gypsy children for immunization project.
- Aprende ingles navegando - Sailing Instructor - Cadiz.

Hughes Aircraft

Aquidneck Industrial Park, Newport, Rhode Island

Date: 1986 - 1989

Part time and Summer program for engineering students. Projects included:

- Designed Diagnostic Systems for 688 Class Attack Submarines. Specifically Mk81 Weapons Data converter. Mk 82 Combat Control System, Mk48 ADCAP Torpedo.
- Borland C++ and Borland Pascal projects.
- TS clearance.

PERSONAL INTERESTS

- Distance OffShore Swimming events
- Lacrosse
- Sailing / racing
- International Relations / Travel / Politics
- Writing
- Technology / Especially Bleeding edge.
- Spoken Languages especially Spanish.

Personal Ambitions:

- To write more about Technology, Environmental and Logistics issues from political perspective.
- Finish SQV04 and AntiCoAgulant Management System.
- Develop technical course material.
- Get a Politician Elected.