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FULLSTACK ENGINEER

PROFESSIONAL SUMMARY

- IT consultant, having 20+ years of experience in providing design and software development solutions to clients and organizations.
- Seeking an opportunity as a Full stack MERN Developer in the Blockchain space
- Ethereum with Solidity using Truffle for development framework and Web3, IBM Hyperledger Fabric 1.1
- JavaScript ES6 and Node.js, HTML5/CSS, GitHub, Tower, NPM and Travis CI, Markdown, Java, and Python, C/C++, Hadoop, MapReduce, and Java Spark
- Redis Stream Database, PostgreSQL, MySQL, MSSQL, MongoDB, Oracle, SQLite and Graph, File man/MUMPS & Intersystem Cache
- Worked on both SDLC and Agile environment
- Android native, iOS Swift 5, React Native, Flutter, Cordova PhoneGap, SAPUI5 and J2ME
- Tibco Software Jasper reports and Jasper Studio
- Technical trainer and education in software development within Blockchain space
- Work with Business Development and cultivate relationship with clients and ob.-boarding customers
- Experienced with mobile application, Jasper reports and Blockchain technology.
- Experienced with Android native, Cordova PhoneGap and knowledgeable with Google's Flutter SDK for mobile devices.
- Also help add business intelligence with Jasper reports. Currently a Blockchain developer on the Ethereum network.

TECHNICAL SKILL

Programming languages:	**ANSI C, Java, SQL, Solidity**
web technologies:	**HTML5/CSS, JavaScript ES6, NodeJS, React and React-Native**
Databases:	**MongoDB, Oracle, MySQL, Redis Stream, PostgreSql**
version control:	**Git**
operating systems:	**Windows, Linux and MacOS**
SDLC methodology:	**Agile**
other tools:	**UML Use Case, JBoss, Jasper Reports, VSC, NetBeans**

EDUCATION & CERTIFICATION

- Associate degree Computer Programming & Systems Analysis, Comp College
- Global Knowledge – Mobile Application with HTML5, JavaScript and CSS3
- Sybase Training – Sybase Unwired Platform 2.2
- Cosumnes River College - HCIT Implementation Support Specialist, EHR Systems
- Intersystem Corp. - Ensemble
- Exit Certified - FrontPage Web Component
- Oracle Corporation - Java Programming Fundamentals
- CUI - Microsoft Frontpage98
- Microlocal Training Centre - Object Oriented Analysis and Design using Rational Rose98
- Prologic Corporation - Multi Tier Client/Server Database Development
- Hadoop Architecture, MapReduce, Scala, Spark, Pig Latin, Hive and Administration

PROFESSIONAL EXPERIENCE

Upwork Freelancer, Fullstack MERN Developer   **May 2022 - Current**

An Upwork freelancer with over $50K earnings and 100% project completion. As a Fullstack developer, I've provided decentralized applications to clients. I've worked with both Truffle and HardHat framework. I've developed ERC20 smart contracts and have worked with ERC720 and ERC1155 NFT smart contracts. I've integrated decentralized web applications with Metamask and Keplr wallets and I've developed applications interfacing with smart contracts. I've worked with Ethereum, Fantom, Polygon, BinanceSC, Cosmos and Secret Network. I've worked with DeFi protocols such as Uniswap Router V2, 0X Exchange, ZapperInOut and 1InchProtocol. I have extensive knowledge and experience to architect a solution integrating Blockchain technology. My main value to the team is integrating decentralized applications, React or React Native, to a smart contract.

Antebellum, Salt Lake City, Utah   **Jan 2021 – May 2022**
Role: Fullstack MERN Developer

Responsibilities:

- Developed custom user interface, in React, for one of their clients that interacted with Uniswap's liquidity pool using Uniswap's Javascript SDK and Router V2 smart contract
- Deployed smart contracts for clients into testnet and mainnet
- Developed smart contracts with WASM and Rust for the SecretNetwork

Blockcerts, Vancouver, British Columbia   **Sep 2019 – June 2020**
Role: Fullstack MERN Engineer

Responsibilities:
- Developed ERC20 Altcoin and utility token, KYC, and other smart contracts native to the forked Ethereum network for the Fintech. Developed deployment tool to deploy on private network through Proxy and to deploy to Rinkeby and Mainnet.
- Facilitated an introduction to mobile development with Cordova framework
- Developed smart contract for the Ethereum network
- Developed modules in Ruby for the accounting system

Environment: JavaScript, Cordova Framework, PhoneGap, web Development, Restful API, Node JS, java Script ES6

Perseid, Hamilton, Bermuda   **Sep 2019- April 2020**
Role: Fullstack MERN Engineer

Responsibilities:
- Developed middleware for the Perseid accounting platform for the Bermuda government
- Developed the mobile client used for digital identification
- Developed the web-based application used to verify the digital identification

Environment: JavaScript, React and React Native, Nodejs

Shyft Network, Bridgetown, Barbados   **Sep2018- Sep2019**
Role: Fullstack MERN Engineer

Responsibilities:
- Developed an extension of the Solidity compiler for a private blockchain network
- Developed smart contract deployment tool, Flight Deck, in Nodejs
- Part of the Core of Engineers. Developed smart contracts for Ethereum platform to support the KYC/AML protocol.
- Developed test scripts to test all smart contracts in Truffle.

Environment: Ethereum and Solidity and Ganache, Knowledge of NPM and package. json and GitHub workflow, Travis CI, C++ and EMscripten

Atos IT Solutions and Services, Phoenix, AZ, USA   **June 2017 - Sep 2018**
Role: Jasper Reports Developer

Responsibilities:
- Worked closely with Big Data/Spark developers in a Hadoop environment for 3 days to provide business intelligence reporting
- Developed Jasper reports using Jasper studio 6.0
- Used jsonQL data source to feed Jasper JRXML report templates with data
- Designed and developed template reports for big data source using JSON data source. Researched the best way to interface with different systems and generate the JSON data source template for each report template
- Fixed performance issues with current Jasper reports used by the fleet. Developed new reports and deployed on Jasper server. Used SQL with MSSQL server. Researched the different tools available in Oracle that can be used to optimize the database queries for each report

Environment: **Big Data, Spark, Hadoop, Busines Intelligence, Jasper studio 6.0, JSonSQL, JRXML, JSON**

Fujitsu Victoria, British Columbia   **March 2015 – March-2017**

Role: Senior Technical Consultant

Responsibilities:
- Provided development and support to B. C's provincial education online systems
- Developed new business intelligence reporting with Reports and Jasper studio
- Designed new reports for International Baccalaureate students
- Created and designed new progress reports
- Migrated data from old BCESIS application from MySQL and into MyEdBC MSSQL database
- Provided J2EE Enterprise solutions to different project needs within the MyEd system
- Designed the development structure and project plan for Extension Project to allow the Ministry of Education and each school district to develop their own reports from MyEdBC

Environment: **My SQL, JAVA, J2EE, reports, MS SQL, Data base, business intelligence, jasper studio**

Solvera Solutions, Regina, Saskatchewan   **Sep 2012 - Feb 2015**

Role: Mobile Full Stack Developer

Responsibilities:
- Integrated SAP data with mobile applications per requirements
- Worked closely with Big Data/Spark developers in a Hadoop environment for 3 days to provide business intelligence reporting
- Developed Jasper reports using Jasper studio 6.0
- Used jsonQL data source to feed Jasper JRXML report templates with data
- Designed and developed template reports for big data source using JSON data source. Researched the best way to interface with different systems and generate the JSON data source template for each report template
- Fixed performance issues with current Jasper reports used by the fleet. Developed new reports and deployed on Jasper server. Used SQL with MSSQL server. Researched the different tools available in Oracle that can be used to optimize the database queries for each report
- Developed hybrid app both in jQuery and SAPUI5 framework where OpenUI5 interfaced with SAP web service using RESTful
- Developed iOS plugin for Cordova to perform single sign on
- Developed proof of concept app in Android native
- Developed a Cordova plugin for iOS
- Developed mobile apps with OData backend
- Trained Junior developers and interns

Environment: **SAP, mobile Applications, restful, Android, SAP Hybrids, iOS, Framework, SAPUI, jQuery**

Blackberry, Waterloo, Ontario   **July 2011 - Sep 2012**

Role: Mobile full stack developer

Responsibilities:
- Developed internal mobile application for Blackberry smartphone and Playbook devices
- Developed front desk security visitor's form that provided the front desk security officer to record incoming visitors using Blackberry's Playbook device. Data entered from Playbook's visitor log sent to a web service using RESTful
- Regular presenter for Alpharetta's Blackberry User Group
- Developed internal mobile application for both BlackBerry smartphone and Playbook tablet
- Developed web application for the Playbook using Flex, ActionScript and Webworks (HTML5 and JavaScript)
- Developed and supported other internal application on HTML5 and JavaScript with Webworks API
- Developed beta applications for the BlackBerry labs with Native C/C++ using QNX Momentics IDE and Cascades native
- Developed J2ME mobile applications for blackberry mobile devices
- Supported and maintained Sybase SUP Unwired enterprise database
- Regular presenter to the monthly BlackBerry Developer Group meet in Alpharetta, Georgia
- Liaison for the development team to coordinate between QA Team and Business Analyst
- Provided training users on internal applications specific to each department

Environment: **Restful, Webservice, JavaScript, web API, J2ME, C++, HTML 5, QNX,**

e-Supply Link, Inc. Traverse City, MI   **May 2010 - Jun 2011**

Role: Java/J2MEE Developer

Responsibilities:
- Architecture and designed the process of taking in shipping crates and inserting into an inventory database
- Trained Junior Java developer and helped developed an end to end solutions to their existing inventory system
- Developed software for the handheld bar code scanner and user entry screen to allow the users working in shipping and receiving to take in deliveries
- Developed SWING client application for keyboard wedge with bar code scanner back in 2007
- Localized SWING desktop application
- Developed J2EE using JBoss for distribution of business rules and transaction for shipping & receiving process for Scan to Verify
- Developed DAO classes for database Scan to Verify
- Motorola i355 to send GPS location
- Developed business intelligence reporting with Jasper reports
- Generated reports from CSV data source into JRXML templates and presented as PDF on user's web browser
- Developed business intelligence reporting with Jasper reports
- Generated reports from CSV data source into JRXML templates and presented as PDF on user's web browser

Environment:J2ME, Java, ,Intersystem Cache CSP, SQL, Java/JDBC, Intersystem CSP & Ensemble, HTML/JavaScript/CSS, Intersystem Cache CSP Zen framework, Ensemble, PHP backend server,J2EE and JBoss, AJAX, JDBC, Hibernate, Eclipse, SOAP, HTML/JavaScript/CSS, Java J2ME, , Java IO network API using TCP and UDP protocol, Intersystem Cache, Java, JDBC, JSP/Servlets, Eclipses, C ANSI C, Oracle, SQL, UNIX, Java J2ME, , , MVS Mainframe commands, Access database, Oracle, SQL scripts, Java JSP/Servlet, SWING, JDBC, SQL, UNIX, Eclipse, WebSphere

Dynamic Clinical Systems	**Dec 2009 - Apr 2010**

Role: Cache Developer/ Consultant

Responsibilities:
- Developed and supported their web application that provided business intelligence reports of a child's vaccination history
- Developed for patients to enter new vaccination record
- Provided data import routines from CDC data source and into Cache database
- Provided business intelligence reports during the R1N1 vaccination distribution
- Designed SQL data imports and database schema in MSSQL
- Developed Ensemble data extract routine to migrate data from globals and eventually into MSSQL database
- Developed OCR form engine that provided the clinical clerk the ability to mark areas where patients are experiencing pains.
- This form was then scanned and saved into a USB device which is later saved into a Cache database

Environment: **Business Intelligence, Web Application, MS SQL, Database, SQL, TSQL, Web Application**

Quest Diagnostics	**Jun 2007 - Nov 2009**

Role: Java/Cache Developer

Responsibilities:
- Supported laboratory web application
- Developed business intelligence of laboratory test results
- Developed import routines of HL7 specification data source
- Supported web application and developed new modules for their internal ticketing system
- Supported web application and develop new modules using JSP/Servlet with Apache/Tomcat and Hibernate with MySQL
- Designed and developed mobile application that tracks the moving of their delivery trucks.
- Mobile app was installed on Sanyo SCP 7050, Blackberry and Ericsson
- Developed mobile application to track truck driver's location and speed. Data gathered by device sent to backend server using Java's IO library for TCP/IP and UDP connection
- Intersystem Cache Studio version 5.1.
- Develop and design %Persistent class tables that store data from legacy global.
- Assist in minor development of JSP/Servlet pages for DHS Online MTP/SAR system along with Cache classes as backend data repository.
- Developed legacy backend routines using Cache classes for data repository with JSP/Servlet web interface by querying, using SQL, the Cache tables.
- Developed new modules of Cache classes with web interface, implemented with Java, as part of obsolescing the legacy version of the health care system.
- Developed and maintained routines for the legacy system using VA Fileman.

- Responsible for monitoring daily, weekly, and monthly batch jobs.

Environment: J2ME, Java, Intersystem Cache CSP, SQL, Java/JDBC, Intersystem CSP & Ensemble, HTML/JavaScript/CSS, Intersystem Cache CSP Zen framework, Ensemble, PHP backend

Golden 1 Credit Union, Sacramento, CA	**Jan 2004 - May 2007**

Role: Java/Cache Developer

Responsibilities:
- Analysed, designed, and developed backend routines for nightly run
- Developed and supported banking application on Mainframe with MUMPS and Cache
- Responsible for software requirements analysis, design of system modifications, and software maintenance, coding, testing, and implementation activities

Environment: J2ME, Java, Intersystem Cache CSP, SQL, Java/JDBC, Intersystem CSP &MVS Mainframe commands, Access database, Oracle, SQL scripts, Java JSP/Servlet, SWING, JDBC, SQL, UNIX, Eclipse, WebSphere

DST Output	**Nov 1999 - Dec 2003**

Role: Lead Java Developer

Responsibilities:
- Developed business intelligence reporting standalone application interface
- Imported data from from XEROX printers into an Oracle database
- Client/server application and Web reporting application using Java Swing objects, JSP, Servlets and XML.
- Maintained database connectivity using Oracle JDBC Drivers for Oracle 8i and 9i.
- Developed UNIX scripts for version releases and SQL Loader (loading of old data to new database).
- Assisted in database analysis and design.
- Installed/ Administered BEA WebLogic Application Server on UNIX AIX.
- Code maintenance and external customer support for CD Product Line.
- Coding involved using Visual Basic, UNIX, Perl shell scripting and C/C++ in Windows

Environment: J2ME, Java, ,Intersystem Cache CSP, SQL, Java/JDBC, Intersystem CSP & Ensemble, HTML/JavaScript/CSS, Intersystem Cache CSP Zen framework, Ensemble, PHP backend server,J2EE and JBoss, AJAX, JDBC, Hibernate, Eclipse, SOAP, HTML/JavaScript/CSS, Java J2ME, , Java IO network API using TCP and UDP protocol, Intersystem Cache, Java, JDBC, JSP/Servlets, Eclipses, C ANSI C, Oracle, SQL, UNIX, Java J2ME, , , MVS Mainframe commands, Access database, Oracle, SQL scripts, Java JSP/Servlet, SWING, JDBC, SQL, UNIX, Eclipse, WebSphere