Cole Albon
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EXPERIENCE

Contractor, Senior Developer SAP Labs, Mobile Programming LLC:
Palo Alto, CA

- R&D/POC development for multivendor cloud services ERP application
- POC was successfully converted to production
- Typescript/React/Material UI

Developer/Founder, cafe-society.news:
Bend OR, June 2019 - current

- dApp development: blockstack, react, HD wallet, bitcoin, full stack

Software Engineer, CBT Nuggets:
Bend OR, January 2017 - May 2019

- Lead deep dive R&D evaluation of emerging blockchain platforms RSK, Ardor, Bitcoin, Cardano, IPFS
- Mentor C level and developer colleagues regarding historical context and state of the art cryptocurrency concepts
- Javascript library to augment Ardor cryptocurrency wallet with custom purchase transactions
- Javascript library to integrate blockchain transactions into existing payment verification system
- Prototype Simple React/Redux front end HD wallet development
- Prototype SQS Queue -> IPFS, blockstack, automated cryptocurrency rewards

Bitcoin Dealer, Javascript freelancer/developer:
San Francisco CA, January 2015 - December 2016

- bitcoin utxo denormalizer tool: https://github.com/colealbon/blocktool
- web components for card game: https://github.com/colealbon/branchwood
- p2p card game (shuffle and pgp chat only so far): https://github.com/colealbon/royale

Senior Warehouse Analyst/Developer, mFoundry/FIS Global:
San Francisco CA, April 2012 - December 2014

- mFoundry develops and serves mobile banking applications for dozens of large banks and hundreds of small banks and credit unions. FIS Global is the world's largest financial technology provider.
- Worked on large migration from MySQL/Tableau to enterprise level BI vendor platform. Contributed to ParAccel (Redshift's database) backend and Microstrategy front end.
- Project integrated several large siloed environments into one. Drafted the first proposal for new integration layer schema.
- Brownfield development, triage, standups, fluorescent lights, free espresso.
- Evangelized bitcoin by placing a Lamassu vending machine on premises for two weeks. Confirmed no serious interest at any level.

Database Analyst/Developer, Bold Software LogMeIn
Remote Contractor May 2010 - April 2012

- Brought Bold Software Marketing and Accounting from less-than-spreadmart status to interactive web based multidimensional reporting.
- Wrote adhoc accounting queries to facilitate pro forma financials in the context of a successful corporate merger.
- Designed and implemented data aggregation/report execution system using a open source tools. MySQL, LucidDb, Mondrian/Saiku, Pentaho.
- Wrote SQL against extremely complex heterogeneous source data: 250 plus tables, billion plus records.
- Implemented strict star schema back end SQL database with Mondrian/Saiku and Excel on front end.
- Developed tools using python to dynamically provision cloud servers and CDN assets. Reduced reporting hardware requirements cost by 90%.
- Designed and built Customer Signature for Data Mining using WEKA and Tableau.

Reports Developer, Plaster Group/Bill and Melinda Gates Foundation
Seattle WA, June 2009 - December 2009

- SSRS, TSQL Report Development.
- Developed a C#.NET automated unit testing suite for SSRS reports. Successfully evangelized proof of concept to developers, testers and development leads, but lost traction with the business community. Deployed partial project to production without a budget.
- Developed reporting centric SQL scripts to accommodate database structure changes.

BI Developer Analyst, AK Tech Consulting/ Microsoft Premier Group
Seattle WA, October 2008 - May 2009

- TSQL, SSIS, SSAS Reporting, SOAP/.Net development.
- Reduced project complexity by removing 75% of the inherited code base.
- Cleaned and enhanced TSQL and SSIS scripts to generate 25 Excel based field reports.
- Brought project from cutting and pasting results from various manually run scripts to an automated SSIS solution.

Reports Developer, Adaptis
Seattle WA, September 2006 - September 2008

- Mentored a group of seasoned Oracle developers through the transition to SQL Server and Reporting Services Platform.
- Evangelized best practices in SQL query optimization.
- C#.NET development for automated SQL Server SSRS report generation.
- TSQL development - stored procedures with a heavy emphasis on financial reporting and analysis.
- Visual Basic development for integration with Perforce centric build environment.

Analyst/Report Writer, GoDaddy
Scottsdale AZ, July 2004 - February 2006

- Performed live experiments within a large complex web site to quickly understand and establish relationships between product changes and their impact on revenue.
- Analyst for 25 tiered hosting, email, and reseller products.
- Wrote TSQL and Reporting Services reports to provide custom traffic and revenue analysis tools to the marketing team. Worked within very high volume SQL Server infrastructure.
- Provided reporting against a custom Linux/MySQL defect tracking system.

Account Manager, Insight
Tempe AZ, May 2003 - February 2004

- Generate sales of software, hardware IT solutions to small to medium-sized businesses nationwide.

Account Manager, Sigaba
San Mateo CA, July 2000 - September 2001

- Developed and managed sales opportunities from lead to close. Penetrated several fortune 500 companies without a product to offer.
- Wrote business requirements documentation for API level technology partnerships.
- Wrote the company's first sales contract and the first technology partnership contract. The attorneys signed off on both without modification.

Account Manager, FloNetwork
San Francisco CA, April 1999 - July 2000

- Landed a series of high profile advertising clients by offering novel targeted direct marketing technology.
- Part of a startup sales team that took the company from an also-ran with a handful of clients to the market leader position within a year.
- Created, presented and defended sophisticated ROI models to C Level Decision makers.
- Landed 6 of the company's top 10 marquee clients.

Account Manager, Simultrans
San Mateo CA, August 1997 - April 1999

- Presented to the Society of Technical Communicators - "Designing Websites for an International Audience".
- Sold medium to large multi-language software localization projects to Silicon Valley corporate community.
- Highly technical consultative sales process. Top producer 120% of quota.

Technical Support, MCB Systems
San Diego CA, January 1997 - August 1997

- Technical support for TRADOS Translation Software.
- Redesigned corporate Website, moved all functionality from direct dial BBS to "brand new" web based paradigm.
- Bookkeeping: performed monthly account reconciliation including foreign currency transactions.

EDUCATION

MIM/MBA, Thunderbird, The American Graduate School of International Management
Gendale, Arizona 1996

- Master of International Management, 1995 - 1996
- Financial Computer Decision Modeling courses
- Student Council - Information Technology Committee
- Winter semester in Moscow, Russia

Arizona State University
Tempe, Arizona 1994

- BS, Business, 1990 - 1994
- PAC 10 All-American Scholar Athlete
- Men's Gymnastics Team, ASU Student Council, Sigma Nu Fraternity, Waiter