FARUK ANSARI

(317) 690-6331 | faruk.ansari@dapparchitects.com | https://github.com/fansari6 | https://www.linkedin.com/in/faruk-ansari-59ab623/

PROFESSIONAL SUMMARY

Client-focused Senior Software Engineer and hands on Project/Program Manager with more than 20 years designing innovative applications and managing projects and achieving high client satisfaction. Committed to maintaining cutting edge technical skills and up-to-date industry knowledge. Expertise in requirement gathering and analysis, architectural, component and interface design and development for client-server, web-based, workflow and blockchain applications. Well versed with object-oriented analysis and design. Proficient in database design, end-user training, documentation and support. In depth knowledge of Software Development Lifecycle (SDLC).

SKILLS

- Solidity
- C#
- React JS
- Next JS
- Bootstrap
- Truffle
- OpenZeppelin
- SQL Server
- Jupiter Notebook
- Lotus Notes
- MacOS

- JavaScript
- Visual Basic
- React Native
- HTML
- Web3
- Hardhat
- Infura
- MySQL
- AJAX
- Windows

- Python
- Node.js
- JSON
- CSS
- Brownie
- Ganache
- Alchemy
- Anaconda
- Dot Net Technologies
- Linux

TRAINING/CERTIFICATIONS

- Certified Blockchain Architect
- Certified Ethereum Developer
- Brainnest Blockchain Developer Internship
- Dapp University Blockchain Bootcamp
- IBM Python 101 for Data Science

EXPERIENCE

VITAL SCIENCES, INC. – Carmel, IN
Full Stack Blockchain Developer   June 2021 - Present

- Developed a full stack Token Exchange, a decentralized cryptocurrency application built on Ethereum. It's a blockchain based trading application using Solidity for writing the backend Smart Contracts and ReactJS, Redux (for managing the state), HTML, CSS and JS, ethers.js for creating the frontend and connecting it to the blockchain. Hardhat framework was used to develop, write tests and deploy the Exchange. The Exchange based on "ERC-20" standard facilitated trading of numerous trading pairs. Automated tests use Mocha testing framework and Chai assertion library.

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- Developed a full stack application built on Ethereum that lets the user buy and sell Tokens using Ethers at a fixed price, complete with unit tests. All of the data is stored on the public ledger. A browser is used to connect to the front-end website written in React.js, HTML, CSS, and JS to connect to the Smart Contracts written in Solidity. The website talks directly to the blockchain. The Token are created using "ERC-20" standard. Automated tests use Mocha testing framework and Chai assertion library.

- Developed a full stack application built on Ethereum that lets the user list items for sale and buy and sell listed items. It was very similar to Craigslist, it resides on the Blockchain and purchases are made using cryptocurrency (Ethers), complete with unit tests. All of the data is stored on the public ledger. It tracks who owns the items for sale, and it transfers the ownership of the items automatically anytime someone purchases them with cryptocurrency. Automated tests use Mocha testing framework and Chai assertion library.

- Developed a full stack application built on Ethereum that lets the user buy and sell tokens. The application resides on the Blockchain and purchases are made using cryptocurrency (Ethers), complete with unit tests. Complete SRC-20 Standard is used to implement the functionality. All of the data is stored on the public ledger. Whenever someone purchases the token, they instantly become the owner because this application is powered by a smart contract on the blockchain which manages the application.

VITAL SCIENCES, INC. – Carmel, IN
Subject Matter Expert   August 2020 – June 2021
Large Credit Union

- Provide data and analytics support
- Understand existing code in SAS to migrate the code to SQL to create SISS packages
- Continue build-out of Small Business Lending origination cube, as needed
- Assess ability of data to create desired reports
- Provide data modeling and data architecture support
- Explore continued use of SQL to help pre-filter data from data warehouse for use in Tableau
- Document business and functional requirements as per BECU standards
- Communicate progress, risks, and issues to the project team

Senior Business Analyst   September 2016 – December 2016

- Worked with power broker, an energy sector company undergoing a divestiture
- Provided analysis and evaluation of the Company's Lotus Notes applications and data
- Assisted in the split and handling of confidential data among the new companies, appropriate access rights, migration of applications and data to the relevant new servers and unit and acceptance testing.

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Subject Matter Expert   August 2013 – September 2016
Large Engineering, Procurement & Construction Company

- Provided support during migration from Lotus Notes to Dot.NET
- Conducted Business Analysis and supported a vast Lotus Notes environment with several mission critical applications used internationally
- Debugged and fixed issues in mission critical applications while interacting with Dot.NET team on design and data extraction and migration

Subject Matter Expert / Project & Program Manager   January 2000 – June 2013
U.S. Federal Government Bureau

- Developed the Software Development Lifecycle.
- Provided technical direction and leadership of the technical architecture and database design within web-based software products
- Developed .NET based web applications and T-SQL based stored procedures that tightly integrated with web applications
- Designed, documented and developed custom solutions
- Completed detailed project plans, schedules, functional flows and specification, standard operating procedures and quality assurance plans by identifying tasks, deliverables, assignments, controls and contingency plans

Infosys – Indianapolis, IN
Senior Application Developer   August 1998 – December 1999
Client: Major Pharmaceutical Company

Maxim Group – Columbus, OH
Project Leader / Analyst   August 1997 – July 1998
Client: Major Electric Power Company

Whittman Hart, Inc. – Indianapolis, IN
Consultant   February 1997 – August 1997
Client: Various

Automated Technology Associates – Indianapolis, IN
Senior Software Engineer   May 1996 – January 1997

Amtech Engineering, Inc. – Indianapolis, IN
Technical Support / Information Systems Engineer   May 1994 – May 1996

CompNET Systems Inc. – Cleveland, OH
Systems Engineer   August 1991 – April 1994

Integrated Business Solutions – Cleveland, OH
Systems Engineer   January 1990 – July 1991

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National Industrial Gases – Jubail, Saudi Arabia
Technical Support Engineer   June 1986 – December 1989

EDUCATION

Cleveland State University – Cleveland, OH   1990 – 1991
Master of Science
Graduate Coursework in Computer Information Systems

King Fahd University of Petroleum & Minerals – Dharan, Saudi Arabia   1987 – 1988
Master of Business Administration
Graduate Coursework in Business Administration

NED University of Engineering and Technology – Karachi, Pakistan   1978 – 1983
Bachelor of Science
Mechanical Engineering

TRAINING & OTHER SKILLS

Microsoft Office Suite, Microsoft Project, Microsoft Visio, Microsoft SharePoint, Adobe and Corda CenterView Business Intelligence Dashboard, Microsoft Source Safe, Microsoft Team Foundation Server, Hadoop, MapReduce, Pig, Hive, Sqoop, HBase, Oozie, NoSQL and Cassandra

Project Management Professional (PMP), Virtual Enterprise .NET Training Course, Programming with Visual Basic .NET, Introduction to JAVA, Programming with Microsoft Foundation Classes (MFC) and Visual C++