Sorin Craciunescu

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PROFILE SUMMARY

- Dedicated and efficient Solidity & M.E.R.N full stack web developer with 15+ years of experience in IT, Blockchain Technology, Online Trading, business development, management, Financial & Cryptocurrency markets.
- Merge a passion for usability and user experience with technical knowledge to create cool digital experiences.
- Self-motivated and problem solver with the ability to work independently or be a valuable member of the team.
- As project manager I am detail oriented individual with excellent verbal and written communication skills as well as a vast experience in computer skills, marketing and project management.
- Customer focused and pro-active with the necessary skill set to drive a project to completion while maintaining project scope.
- Well organized with exceptional attention to detail.
- Ability to inform, explain, advise and consult with internal teams on practical development and application of activity based on customer data
- Project Manager of three key departments such as: website development or mobile application development iOS/Android.
- Focused to meet projects KPI's.
- Demonstrated to successfully design schedules, assessing risks, recruiting team members, monitoring staff and sub-contractors, budgeting, and tracking progress of each project.

CORE COMPETENCIES

- Extensive knowledge of Unix, Unix Terminal, Git / GitHub, HTML5, CSS3 (Bootstrap & Material UI), Databases: (PostgreSQL, MySQL) & NoSQL (MongoDB & Firebase), Rest API, GraphQL, TheGraph, JWT, OAuth 2.0, JavaScript ES6+, React, React Native, Redux, Context, Node.js, Express.JS, Mongoose.JS. Experience working with web3 technologies: Ethers.JS, Web3.JS, Ganache, Hardhat & Truffle. Agile Methodologies (Scrum, Sprint Planning, User Stories).
- Ability to communicate with cross-functional teams.
- Good Knowledge of troubleshooting wide area network problems, isolating and fixing problems.
- Possesses advanced knowledge in the areas of data communications, desktop support, and servers/networks.
- Strong IT Skills (Windows, Mac & Linux, iOS &Android, Good Office Suite Experience, Networking and Backup Systems management).
- Ability to prioritize and adapt within a changing environment.
- Command over front end, back end, databases, testing, devOps, SDLC tools etc.
- Knowledge of HTTP standards, API best practices, REST API, JSON and BSON files, web security and authentication, basics of building scalable solution.

SKILL HIGHLIGHTS

- JavaScript, React.JS, Node.JS, SQL and NoSQL databases.
- Solidity Ethereum Virtual Machine certified developer.
- Good understanding of cryptographic hash functions.
- Good understanding of blockchain data structures.
- Familiar with Ethers.JS and Web3.JS (Ethereum JavaScript Libraries).
- Good knowledge of React Native.
- Python for Data Science and returns prediction. (Machine Learning - beginner)
- Windows 10, MacOS and Linux terminal skills.
- Website, Web Apps and Mobile Apps Development
- Microsoft Office Suite expert (Word, Excel, excess, PowerPoint, office)
- Application Development Certified Project management skills. (Agile/Scrum Methodology)
- Great organizational and IT skills.
- Risk management skills.
- Collaborative nature.
- Statistical concepts.
- Object-oriented programming.
- Software design principles.

PROFESSIONAL EXPERIENCE

Web Developer/CEO – Full Stack Development S.R.L   **2017–2021**

Key Responsibilities:

- Opened my own Software development company in order to help others reaching their goals and develop new and innovative software solutions which will bring a real plus of value to their clients lives.
- Created web apps and other software products for mobile devices with the help of latest technologies like Blockchain, using cryptographic hash functions and several web API's.

- Given major allowances to employees in budget such as laptops, mobile phones, server, virtual reality helmets, desktop computers and much more
- Created 3D designing virtual reality environment for clients to design their homes with designer and examine the changes in real time. This designing technology helped clients to visualize changes of their homes before implementing, to upgrade their living standards.
- Finished two intensive schools for Web Development that totaled 992 hours of full stack web development.
- Learned about (HTML5, CSS3, JavaScript, React.JS, Node.JS, SQL and NoSQL databases, Sequelize.JS, Express.JS and worked with many more JavaScript libraries).
- Revamped web application security applications, minimized hacker attacks.
- Designed and developed user-friendly websites, including optimized check-out page that increased user clicks, and subsequently customer purchases.
- Ensured high traffic, page views, and User Experience websites resulting in increase in sales revenue.
- Trained staff members in internal web functions, including steps on how to independently make minor updates or changes to client's web applications.
- Fixed bugs from existing websites and implemented enhancements that significantly improved web functionality and loading speed.
- Designed processes for code cleanup and performance improvement.
- Handled full stack development for all client projects which processed, analyzed and rendered data visually using DOM manipulation and MVC software architecture.
- Decreased development time by 17% using improved Agile/Scrum project management techniques.
- Slashed data storage costs through more efficient backups and cloud data management.
- Designed easy to use user interfaces and great user experience for the digital platform of small companies.
- Used WordPress development including themes, creation, customization, and plugin implementations.
- Integrated external services such as Stripe payment services, and cryptocurrency payment methods.
- VPS configuration and optimization.

Forex and Cryptocurrency Trader – Freelance.   **Nov 2009-Present**
Key Responsibilities:
- Started the online trading activity in 2009 as a part-time/hobby activity.
- Gained experience by working with the most commonly known Forex trading platforms, Metatrader 4, Metatrader 5 and Metastock.
- Used MQL programming language to automate and back-test algorithmic trading strategies based on well-known technical analysis indicators like: MACD, Bollinger Bands, Fibonacci Retracement, RSI, Stochastic, etc.
- Traded in the Cryptocurrency environment with Haas Online Trade Server and well-known Crypto Exchanges like: Kraken, Binance, OkEx, Bitstamp, Cex.io, Bittrex and HitBTC.
- Started studying Python for financial data science and returns prediction using Anaconda and specific Python libraries like: Pandas, NumPy, SciPy, Statsmodels, Pyfolio, Quandl, TA-Lib and Zipline.
- Learned to use statistical formulas and interpret output for: Linear Regression, Sharpe Ratio optimization, Time series Modeling and forecasting.
- Use back testing and forward testing techniques to forecast stock and trading strategy returns by analyzing in-sample and out of sample data.
- Start using TensorFlow and Machine learning techniques to develop new and reliable trading strategies (Beginner Level – Work in progress).

Achievements:
- Managed to raise my overall portfolio from 100k to around 234k in less than 4 years.

IT Manager – MD Holdings Ltd, Doha, Qatar   **2012-2016**
Key Responsibilities:
- Worked as IT manager for medium sized real estate organization.
- Managed a team of 10 employees and was responsible for the online activity results and implementation of new website features.
- Supervise and organize the development team for creating a mobile app using React Native.
- For successful implementations of functions, used A.P.I. for crypto-currency payment integrations and the proprietary A.P.I. of PayPal for normal card payments.
- Organized and supervised the development of the app using the Agile P.M. techniques.

Chief Executive Officer – Internet Service Provider Company, S.C Royal Clicks S.R.L.   **2004-2017**
Key Responsibilities:
- General Manager of an Internet Service Provider Company for more than 12 years.
- Assured a decent uptime (99%) for more than 950 internet connections on a wide area network located in the Northern neighborhood of Romania's capital (Bucharest).
- Managed the intervention teams for reducing the downtime of client connections.
- Ensured high quality service as per customer's needs and demands.
- Helped customers by diagnosing connection problems or computer troubleshooting.
- Maintained good relationships with state institutions like ANRC (National Regulatory Authority for Communications) and ANPC (National Authority for Consumer Protection)
- Performed assessments of needs ensuring compliance with budget and industry standards.
- Determined priorities, schedules, plans and necessary resources to ensure completion of proprietary expansion projects on schedule and according to specification.
- Prepared project plans and monitors on-site.
- Coordinated multiple-vendor projects.
- Ensured compliance to technology-related vendor contracts.
- Provide timely, accurate, and detailed status reports as requested.
- Evaluated recommendations regarding technology/asset life-cycles.
- Ensured that the company is properly equipped in terms of PCs, hardware, servers, software licenses, etc.
- Ensured implementation of disaster recovery and business continuity plans.
- Ensured availability of current documentation for cabling, network topology, and applications exists.
- Reviewed networks' performance and performs design/re-design as needed to meet requirements.
- Ensured periodic inventories of applications and hardware are conducted.
- Forecasted long-term profitability using the company's financial parameters.
- Ensured that the owners have adequately addressed technology needs in both short-term and long-term planning.
- Reviewed vendor proposals and selected appropriate vendor for technologies/hardware.
- Presented proposals, analyzed projects, cost-models, etc. in a well- written and/or verbally articulate manner
- Communicated and respected IR standards and best practices.
- Analyzed necessary strategies to drive technology revenue and contribute to the overall business success.
- Managed technology profit and loss.
- Ensured that the owners have realistically budgeted CAPEX and department operating budgets based on anticipated IT projects support/needs requirements.

Achievements:
- Sold the company I've started from 0 for 250k Euro in 2017.

Chief Executive Officer/Co-Owner – SC Hades Consulting S.R.L.   **2005-2007**
Key Responsibilities:
- Financed and developed real estate company.
- Intermediate the buying and selling of real estate properties in the Bucharest metropolitan area and its surroundings.
- Covered company's operational costs.
- Created the IT infrastructure (hardware and software) in order to maintain day to day operations.
- Researched private investors and investment companies with the purpose of creating new business leads.
- Met potential sellers and buyers and negotiating the best prices for selling or buying a specific piece of real estate.

ACCOMPLISHMENTS/AWARDS/SEMINARS

Projects:
➢ Android & IOS - KNX mobile app. During the development of this project, I've managed the development team using Agile/Scrum project management system to develop a mobile application using JSX (React Native) and an IOT-KNX automation API from Schneider Electric used to interact with Smart-home automation systems.
➢ Quiz coupon winning Web App. In this project I was part of the core full stack development team and personally developed the automatic e-mail send functionality using Node.JS and nodemailer.JS JavaScript libraries. I also played an important part in creating and importing data from the MySQL Database. You can find the project on GitHub and a live version of the project here.
➢ A dice rolling game with automated smart contract ETH transactions developed mostly in Solidity (Ethereum Virtual Machine programming language) and JavaScript. A presentation of this project can be found here.

Courses:
1. [Node.js, Express, MongoDB & More: The Complete Bootcamp 2021](#)
2. [The Complete JavaScript Course 2021: From Zero to Expert!](#)
3. [Master Ethereum & Solidity Programming from Scratch in 2021](#)
4. [Advanced CSS and Sass: Flexbox, Grid, Animations and More!](#)
5. [JavaScript Algorithms and Data Structures Masterclass](#)
6. [Microservices with Node.JS and React](#)
7. [Ethereum and Solidity: The Complete Developer's Guide](#)
8. [The Complete React Native + Hooks Course](#)
9. [Financial Engineering and Artificial Intelligence in Python](#) (work in progress)

Activities:
➢ **2021-Ethereum Developer, Solidity Smart Contract developer, ChainShot Bootcamp**
  Attended the bootcamp and learned about smart contract development in Solidity programming language, cryptographic functions, how to use Ethers.JS and work with tools like: HardHat, Truffle, Ganache, etc.
➢ **2019-2020-Full Stack Software Engineer, Web development (M.E.R.N Stack) graduate, Wild Code School**
  Attended prolonged 752 hours bootcamps and learned to develop the client side and back-end side of any web application using React (JSX), Node.JS, Express.JS, Sequelize.JS and MySQL databases.
➢ **2019-Attended JavaScript Software engineer, Computer Software Engineering, Coders Lab Bootcamp**
  Attended the boot camp and learnt about (HTML, CSS, JavaScript, Sass, Responsive Web Design, jQuery, ECMAScript 6, Git and ReactJS. Gained solid foundation of working with numerous web technologies.

EDUCATION AND AWARDS
➢ **2019-2020-**Full Stack Software Engineer, Web development (M.E.R.N Stack) graduate, **Wild Code School**
➢ **2 years-**Cybernetics, Statistics and Economic Informatics, **A.S.E. University Bucharest**
➢ **Edmond Nicolau** - High School (Computer Informatics)

Certificates:
➢ **Edmond Nicolau** - High School (Computer Informatics)
➢ Programmer helper Degree obtained by project and exam at High School Graduation (**Pascal & FoxPro**)
➢ JavaScript, ECMA Script 6, React.JS certification from **CodersLab Romania**
➢ JavaScript, ECMA Script6, React.JS, Node.JS, SQL, MySQL certification from **Wild Code School, Bucharest Campus**
➢ **2021**-Certified Ethereum Developer, Solidity smart contract developer, **ChainShot**

LANGUAGES

English-Professional
Romanian-fluent

OTHER INTERESTS:

Economics, Game theory.

PERSONAL MOTTO:

"The Key is to understand."