ANTON STRICKLAND

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PROFESSIONAL SUMMARY

Software Developer and Project Manager with over 10 years of experience, both independently and in a government IT department.

EDUCATION

Missouri University of Science & Technology   **August 2012 - May 2016**
Bachelor's, Computer Science   *GPA: 3.35*
- Notable Electives: Artificial Intelligence, Evolutionary Computing, Digital Forensics, Data Mining

PROFESSIONAL EXPERIENCE

Self-Employed   **Remote**
Freelance Software Developer   *March 2021 - Present*
- Designs and develops games, websites, and apps using JavaScript (MERN stack) and Python.
- Consults with clients to analyze business requirements and deliver software solutions.
- Stays up-to-date on and actively builds projects using emerging technologies such as blockchain, cryptocurrency, and AI.

Madison County Government   **Edwardsville, IL, USA**
Application Support Programmer   *February 2019 - July 2020*
- Created, maintained, and improved dozens of internal and external responsive web applications using C# ASP.NET, JavaScript, Python, ArcGIS, and SQL Server 2016, improving government efficiency and saving thousands of taxpayer dollars.
- Automated processes via Python, VBA, and PowerShell scripts, saving money and improving efficiency.
- Refactored legacy code up to modern standards and wrote clear documentation, reports, and presentations.
- Collaborated with stakeholders across multiple departments to gather project requirements.
- Provided application and IT support by communicating with non-technical users over the phone and in-person.

Goldbar Games   **Remote**
Independent Game Developer   *July 2011 - February 2019*
- Designed and created a custom cross-platform game engine using C++, SDL2, and OpenGL.
- Designed and developed more than five games in C# using the Unity game engine from 2014-2019.
- Developed and published the game "Detective Butler" on Steam with over 50,000 downloads and over 80% positive reviews.

NOTABLE PROJECTS & AWARDS

Award-Winning Video Game "Reaplaced"   **Remote**
Project Manager   *September 2023 - October 2023*
- Successfully led a team of 8 developers to complete an award-winning mystery game project in a month-long game jam.
- Won 3rd Place out of more than 200 entries, won Best Original Soundtrack, and nominated for Best Character Design.
- *Link to project*

Chainlink Spring 2021 Hackathon Entry "NFTwitch"   **Remote**
Full-Stack Developer   *March 2021 - April 2021*
- Developed an ERC-721 NFT smart contract and React dapp that uses Chainlink oracles to store data from a user's Twitch account via the Twitch API on the Ethereum blockchain, uploading the metadata to IPFS. Also hosted the Chainlink node.
- Completed as a solo entry to the Chainlink Spring 2021 Hackathon in under 30 days to positive reception from Chainlink Labs.
- *Link to project*

Madison County Vendor Registration Portal   **Edwardsville, IL, USA**
Application Support Programmer   *February 2019 - September 2019*
- Designed and developed a web portal for vendors to bid for contracts with the Madison County, IL government.
- Vendors create user accounts to bid on RFPs that the Administration can publish and update on the website.
- *Link to project*

PROFESSIONAL & TECHNOLOGY SKILLS

Data Entry Typing Speed: 120 WPM, 30000 KPH

Web Development: Front-End, Back-End, Full-Stack, JavaScript, TypeScript, REST API, React.js, Material-UI (MUI), Next.js, Node.js, Express.js, Axios, Bootstrap, Cheerio, Redux, Redis, Webpack, Tailwind CSS, HTML, NPM, Yarn, bcrypt, Mongoose, JSON, Stripe API, OpenAI API, C#, ASP.NET, MVC, Web Assembly, Visual Basic, VB .NET, HTTP, HTTPS

Databases: SQL, T-SQL, MySQL, SQLite, SQL Server 2016, NoSQL, MongoDB, Relational Databases, Non-relational Databases

Crypto: Solidity, ERC-20, NFT, ERC-721, ERC-1155, Infura, Remix, Truffle, Ganache, HardHat, Pinata API, Chainlink nodes, web3.js, ethers.js, libsecp256k, EVM, Binance API, Blockchain, Bitcoin, Ethereum, Polygon, Solana, IPFS, Nostr

Game Engines: Custom Engines, Unity, Unreal 5, Game Maker, RPG Maker, Ren'Py, PyGame, Phaser.js

Game Development: C++, C#, OpenGL, SDL2, GLFW, GLSL, PhysFS, Shaders, Graphics, Steam API, Google Play API

IDEs: Microsoft Visual Studio, Visual Studio Code, Notepad++

AI: Generative AI, ChatGPT API, ElevenLabs API, Stable Diffusion, MidJourney

Hosting: AWS S3, EC2, SES, CloudFlare, Linode, Heroku, Netlify, NGINX, Azure

DevOps: CI/CD, Microservices, Web Services, Version Control, Git, SVN, Docker, Trello, Jira

Data Science: Python, PIL, NumPy, Pandas, MatPlotLib, BeautifulSoup, Machine Learning,

Methodologies: SDLC, TDD, OSS, FOSS, Agile, Scrum, Kanban, Object-Oriented, OOP, Data-Oriented, Functional

Game Design: Level Design, Character Design, Sound Design, Background Design, Design Patterns

Web Design: UI/UX, Canva, Figma, Carrd, Square, Weebly, Wix, WordPress, Shopify, E-Commerce

Office Tools: Microsoft Office, Google Suite, Word, Excel, PowerPoint, Docs, Sheets, Slides, VBA, PowerShell, Skype, Discord

Troubleshooting: Debugging Tools, Memory Debugger, Network Analysis, Technical Support, Customer Support, Customer Needs, Customer Service, User Feedback, Refactoring Code, Unit Test

Multimedia Software: Adobe Creative Cloud, Adobe After Effects, Adobe Photoshop, Paint.NET, VEGAS Pro, GIMP, IrfanView, ShareX, Handbrake, Audacity, LMMS, OBS, VLC

Project Management: Team Leadership, Remote Work, Risk Management, Project Scheduling, Quality Assurance, End-To-End

Business: Technical Product Management, Negotiation, Sales Strategy, Customer Acquisition, Budget Management, Bookkeeping, Financial Analysis, Strategic Planning, Customer Relationship Management (CRM), Early Stage Startups, Business Strategy

Marketing: Market Research, Digital Marketing, Brand Development, Social Media Marketing, SEO Optimization, Lead Generation

Soft Skills: Critical Thinking, Attention to Detail, Time Management, Logical Reasoning, Problem-solving, Communication, Adaptability, Conflict Resolution, Community Management, Communication Skills, Interpersonal Skills, Public Speaking

Writing: Content Writing, Copy Writing, SEO Writing, Technical Writing, Proofreading, Editing, Video Scripting

Research Methods: OSINT, Data Analysis, Data Analytics, Questionnaire Development, Case Study Research

Content Creation: Live Streaming, Video Editing, Photography, YouTube Channel Management

Other: UX/UI, Data Architecture, Open Source, Networking, GIS, ArcGIS, ffmpeg, imagemagick, cmake, make