

# Connor Payne

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## EDUCATION

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### CSU Long Beach

*Bachelor of Science in Health Care Administration*

Long Beach, CA

Jan. 2015 – Dec. 2018

## EXPERIENCE

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### Lead Software Engineer

Dec. 2022 – Present

*Lampenwelt*

*Frankfurt, Germany*

- Led the design and implementation of a dynamic pricing engine, ingesting tens of thousands of daily competitor, brand, and price perception data points to optimize pricing for 120K+ products across 27 countries resulting in a \$20M increase in revenue.
- Built a RESTful API with NestJS (TypeScript) and Prisma, supported by Redis + Bull queues for scheduled computations and Kafka for real-time data ingestion.
- Engineered microservices deployed via Kubernetes and managed CI/CD with Jenkins, achieving an average of 205K daily price calculations with 99.9% uptime.

### Full Stack Engineer — Technical Cofounder

April 2022 – May 2023

*Onsite Analytics Inc*

*Frankfurt, Germany*

- Engineered a scalable web application using React (TypeScript), NestJS, Prisma, NextJS, and PostgreSQL—serving 20,000+ recurring users and underpinning a successful \$500K seed round.
- Utilized Github Actions for automated unit and integration tests via Jest.
- Deployed and managed AWS EC2 infrastructure via Terraform, streamlining operations and ensuring robust, production-ready performance.
- Implemented an autonomous web scraper with Playwright to integrate data from Appfolio and Yardi, automating data ingestion and enhancing product functionality.

### Lead Full Stack Engineer — Head of DeFi

Oct. 2019 – Mar. 2022

*Blocksize Capital*

*Frankfurt, Germany*

- Led development of a smart order router (Golang, concurrency, Redis) ingesting 1B+ order book updates/day, achieving sub-100ms trade execution with linked-list orderbook structures.
- Integrated real-time price data into smart contracts via Chainlink, securing over \$4B in DeFi TVL; managed Ethereum Geth nodes on Azure with failover protocols, generating \$4M in annual revenue.
- Implemented Prometheus/Grafana for microservice observability, enabling robust monitoring and rapid incident resolution.
- Built and maintained decentralized applications using Solidity, ethers.js, and Corda alongside NASDAQ-listed corporations.
- Delivered keynotes on MEV and oracle solutions at the Frankfurt School of Finance, Greenwich University, and as a guest lecturer for the DeFi Talents Program.

## PROJECTS

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### StakeHaus Labs | *Solidity, CosmosSDK, React, PostgreSQL, Docker, Golang, Nest, Next*

April 2022 – Present

- Created a graduation smart contract for tokens using a bonding curve to be moved to UniswapV4.
- Advised a publicly listed venture capital firm on technical investment research, enabling data-driven blockchain investment strategies.
- Managed token launch liquidity for Cryptex, overseeing \$5M in liquidity across 28 chains to support a \$30M market cap ecosystem.
- Operated blockchain validators in the Cosmos ecosystem, successfully securing over \$200K in staked assets and enhancing network reliability.

## TECHNICAL SKILLS

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**Backend:** Golang (Gorilla Mux, Gin), TypeScript (Node.js, NestJS), SQL (Postgres), Python

**DevOps/Cloud:** Docker, Kubernetes, Terraform, Jenkins, GitHub Actions, AWS, GCP, Azure

**Data/Streaming:** Kafka, Redis (Cache, Bull queue)

**Blockchain:** Solidity, Foundry, Hardhat, ethers.js, Chainlink, CosmosSDK

**Testing/Tools:** Jest, Playwright, Cypress, Prometheus, Grafana, Git, GitLab, GitHub, Linux, Postman