

DYLAN SENA

551-427-3069 · dylan.c.sena@gmail.com · <https://linkedin.com/in/dylan-sena> · <https://medium.com/@dcsena>

EXPERIENCE

Theia Studios

2021-2024

CEO/CTO

- Founded and led a 10-person gaming studio and oversaw all company operations: recruitment, product, engineering, fundraising, investor relations, finances, legal, marketing, and HR.
- Led team to successfully ship mobile game, Icons of Theia, and achieved metrics that place game in the top 10% in mobile genre with \$200k in pre-sale revenue, 63% seven-day return on ad spend, 33% day-1 retention, and 47 mins average daily playtime.
- Oversaw agile product development process with bi-weekly sprint planning, daily standups, weekly cross-functional team meetings, and monthly all-hands.
- Fundraised \$2mm on \$17mm valuation cap from distinguished VCs and angels. Oversaw and managed company budget post-fundraise. Wrote quarterly company reports to all investors.
- Designed and implemented backend game engine and infrastructure to support turn-based gameplay and core game features including AI-generated game assets, quests, and in-app purchases. Technologies include C#, Step Functions, websockets, Sagemaker, Lambda, ElasticSearch, DDB, Redis, S3, Docker, SNS, SQS, and Unity.

DraftBuff

2019-2021

CEO/CTO

- Grew team from original solo founder to 8-person cross-functional organization; recruited exec team, oversaw all company operations, and fundraised a \$300k pre-seed round from notable esports investors.
- Led team to ship and support the leading social fantasy esports app played by 150k+ users with a 4.7 App Store rating and top app metrics including 70% 7-week retention and 50% four-month retention.
- Core developer for full-stack app in React Native and Java on AWS. Technical projects include real-time drafting with AWS Step Functions and websockets notifications, event-based processing for weekly waivers and season events with SQS and AWS Fargate, and a data ingestion pipeline.

Amazon

2015-2019

SDE II, Alexa for Hospitality, Alexa Personalization; SDE I, AWS Directory Services

- Designed and executed dozens of individual projects including:
 - Cross-domain and domainless login: Created an authentication mechanism using Kerberos and SpringLDAP to federate on-premises identities into the cloud for Amazon Workspaces with a domainless login experience so users across forests would not have to specify the domain they belong to.
 - Sports personalization: Created AI MVP for Alexa Personalization team for the Alexa Sports Domain.
 - Room Checkout APIs: Created a novel heartbeat system for hotel rooms to sync up guest status with Alexa for Hospitality to guarantee guest privacy after checkout within a 5-minute SLA.
- Founding developer across multiple teams within Alexa and AWS. Advised manager, PM, and developer team on daily operations, design decisions, and product recommendations. Mentored junior developers and interns on developer best practices, task assignments, code reviews, and promotion documents.
- Recipient of the Cliff Stoll award, presented by Andy Jassy, then CEO of AWS, for extraordinary customer obsession on a cybersecurity incident.

EDUCATION

University of Michigan

2011-2015

Dual Majors in Mathematics and Physics, Minor in Computer Science

- GPA: 3.9/4
- Summer intern in optics research at École Normale Supérieure de Cachan in Paris

SKILLS AND INTERESTS

- Languages proficient in: Java, C#, Python, c++, Javascript/Typescript, PowerShell
- Services and Frameworks proficient in: AWS, ASP.NET, Spring, OAuth, Git, Hibernate, Node.js, Linux, Windows, Unity, Docker, Firebase, Django, Flask, Kerberos, LDAP, Hive, Spark, Stable Diffusion, LLMs
- Interests: chess, board games (Gloomhaven currently), playing with my golden retriever, skiing, learning Spanish