

## Skills

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JavaScript, TypeScript, HTML5, CSS3, Node, React, Redux, GraphQL, AWS, GCP, Docker, IaC.

## Work Experience

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**Senior Full Stack Engineer**                      **ImageApp.xyz**                      **Jan 2021 – Present**

Key Tech: Node.js, Typescript, React, Firebase, AWS CloudWatch, Lambda, SQS, Google Analytics.

- Leading development of generative AI image application using OpenAI and Stable Diffusion.
- Training machine learning models to fine-tune image generation using SDXL.
- Established a monthly subscription and referral model resulting in a growth in revenue of over 300%.
- Introduced unit and integration testing principles, increasing code coverage from 40% to 85%.
- Implemented scalable image generation, leveraging Lambda for asynchronous image processing.

**Software Engineer**                      **Shore Crypto**                      **Jan 2022 – June 2023**

Key Tech: Go, Typescript, React, Github Actions, AWS DynamoDB, ECS, ECR, Terraform, Codecov.

- Developed fintech application focused on disrupting reinsurance.
- Led frontend development - authentication, dashboards, responsive design.
- Designed and implemented an API which managed deposits, investments, and transfers of assets.
- Established CI/CD with testing and code coverage. Automated deployments of Docker containers.
- Managed infrastructure as code through AWS. Logging, load balancers, and ECS task definitions.

**Full Stack Engineer**                      **Flow Labs | Contract**                      **July 2021 – Jan 2022**

Key Tech: Node.js, React, GraphQL, Nexus, Prisma, PostgreSQL, EKS, Pulumi, RDS.

- Created application enabling users to stream digital assets across different devices - cast.art.
- Developed a mobile-friendly interface. Enabled users to favorite, share, and view digital assets.
- Managed deployments and CI/CD across dev and prod environments with infrastructure as code.

**JavaScript Developer**                      **Zoic Labs**                      **Feb 2019 – July 2021**

Key Tech: Node.js, JavaScript, React, GitLab, Elasticsearch, Atlassian Suite, Firebase, MongoDB.

- Developed complex data visualization and manipulation applications using React.
- Engineered document classification tool for the DoD. Worked with 3 teams across subcontractors.
- Implemented frontend of survey website - proxymatch.io. Authentication, database, analytics.
- Adhered to agile methodologies using Atlassian suite products: Jira, Confluence, and Bitbucket.

**Software Engineer**                      **Adventure Networks | Contract**                      **June 2018 – Feb 2019**

Key Tech: Node.js, React, Typescript, EC2, DynamoDB, Websockets, Twilio, OAuth, web3, Solidity.

- Developed collaborative, multimedia platform. Users could share GIFs, draw, and play games.
- Created Ethereum wallet management system with authentication through email and phone.
- Resolved over 120 user-reported issues using Jira with LogRocket.

## Education

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B.S. Mathematics-Computer Science                      **University of California, San Diego**                      June 2018

## Projects

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**Runes**                      runes-tcg.com

Key Tech: Node.js, Typescript, Next.js, Prisma, Nexus, Apollo GraphQL, Google Cloud Functions.

- Co-creator of a blockchain-integrated card game, with NFTs representing playable cards.
- Led development from initial concept to launch, iterating from user feedback.
- Managed hosting and deployment of the application on cloud platforms with IaC and CI/CD.
- Implemented microservice architecture for metadata storage and retrieval.
- Fostered an active community of over 500 users, leading to over \$40,000 in revenue.