

Alec Moore

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SUMMARY

Full Stack Software Engineer specializing in web application development. Experienced in designing, building, and deploying scalable solutions using React, Node.js, and AWS, with strong practical knowledge in implementing authentication systems, containerized microservices, and data modeling. Currently leading development at Pinhous.com while pursuing a Master's in Computer Science at Arizona State University. Leverages both technical and collaborative skills to guide products from initial concept through successful deployment.

EXPERIENCE

Pinhous.com

Remote

Founding Full Stack Software Engineer

June 2024 – February 2025

- Lead the design and development of the Pinhous Real Estate application. MLS listing portal that services listing agents as well as general customers
(React, Javascript, Express, Node.js, MySQL, AWS, Sequelize, Redux toolkit, REST, Vis.GI, Repliers)
- Architected the company OAUTH system for user authentication and authorization
(AWS Cognito, Google Oauth 2)
- Designed data models and developed UML diagrams for system architecture, including ERD, use case, class, and deployment diagrams
(Astral UML, MySQL, Sequelize, AWS RDS)
- Orchestrated and deployed containerized applications and microservices to AWS EC2, implementing CI/CD pipelines to ensure efficient delivery
(Docker, AWS EC2, GitHub Actions)
- Cross team Collaboration with UI/UX, founders and customers, to drive out MVP and go to market strategies
(Figma, Tailwindcss, Product Focus Groups)
- Designed and implemented a robust testing framework with unit and integration tests, accompanied by thorough documentation to ensure maintainability
(Chai, Sinon, Swagger.js, Postman)

LEADERSHIP

Alpha Kappa Phi

San Jose, CA

Pledge Class President

January 2020 – March 2020

- Led and coordinated a pledge class of 14 members, managing their integration and on-boarding through educational programs and structured activities
- Organized and executed weekly meetings, social events, fundraising, and community service projects, fostering camaraderie and personal development within the class
- Facilitated communication between the pledge class and leadership, addressing concerns and ensuring alignment with organizational values and expectations

TECHNICAL SKILLS

Javascript | Python | React.js | Node.js | Express.js | SQL (Postgres, MySql) | NoSQL (MongoDB) | Redis | AWS (RDS, EC2, S3, ECS, Cognito) | Git | Docker | CI/CD | HTML | CSS | Tailwindcss | Redux Toolkit | NumPy | Pandas | PyTorch | Figma | Adobe Photoshop | Chai | Bash | Sequelize | Mongoose | Socket.io

EDUCATION

Arizona State University

Master of Science in Computer Science

October 2023 - Current

San Jose State University

Bachelor of Science in Computer Science

Graduation: December 2021

PROJECTS

Siamese Chess

Developed a 2v2 online chess variant with piece-sharing mechanics, featuring a responsive React frontend, modified react-chessboard library, and real-time gameplay powered by Express, Socket.io, and Redis