

Kurt Kroll

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WORK EXPERIENCE

RotoWire Intern → Developer → Senior Full Stack Developer | **MAY 2018 - Present**

Football Draft Kit Mobile App

- Architected and shipped a hybrid mobile application in React Native, achieving 90% code reuse between iOS and Android platforms and significantly reducing per-platform development overhead.
- Served as technical lead for team adoption of React Native best practices, establishing code review standards and mentoring teammates on component design patterns.
- Early adopter of AI-assisted development using Claude Code, integrating it into daily coding and deployment workflows to significantly accelerate delivery speed.
- Collaborated directly with stakeholders to evaluate product requirements, providing effort estimates and technical feasibility feedback that improved sprint planning accuracy.
- Acted as integration lead, coordinating cross-branch merges and resolving complex conflicts to maintain a stable shared codebase.

Picks & Props Mobile App

- Designed and implemented all user management screens, including login/logout, profile settings, push notification preferences, and an in-app help center, ensuring a cohesive and intuitive UX.
- Integrated a new third-party subscription provider into the existing billing infrastructure, driving a 20% increase in subscription revenue.
- Designed and consumed PHP RESTful APIs to supply dynamic data across app features.

DFS Optimizers

- Designed and developed a modular, component-based optimizer tool using React, enabling a highly customizable lineup-building experience for daily fantasy sports players.
- Engineered the core lineup optimization algorithm, processing user-defined constraints and player data to generate statistically optimal team configurations.

Platform & API Work

- Built and maintained RESTful APIs serving real-time sports data to B2B partners including ESPN, Yahoo, and CBS, supporting high-traffic production workloads.

SKILLS

Frameworks: React, React Native **Languages:** TypeScript, JavaScript, Python, PHP, HTML5, SCSS

Databases: MSSQL **AI:** Claude, CoPilot, Cursor, Gemini **Agile/Scrum:** Jira, Confluence, Smartsheet

EDUCATION

BACHELOR OF SCIENCE | UNIVERSITY OF WISCONSIN- MADISON | MAY 2019

- Major: Computer Sciences | Certificate: Mathematics