

**Ronald Barnart** Austin, TX | (330) 814-4605 | [ronald@aibaker.io](mailto:ronald@aibaker.io) | <https://www.linkedin.com/in/ronaldbarnhart/> | <https://github.com/AgentBurgundy>

---

## Senior Full Stack Engineer – AI Platforms & Developer Experience

Accomplished Senior Full Stack Engineer with 8+ years of experience specializing in building AI-powered applications and developer-centric platforms. A master of Next.js and React with a deep passion for leveraging AI to solve complex problems and automate workflows. Proactively builds with a "bias for action," creating tools and systems that empower both users and developers. Thrives in remote, asynchronous environments and possesses a strong ownership mindset, turning ambiguous challenges into concrete, scalable solutions.

---

## Selected AI & Platform Projects

- **PracticeInterview.ai**
    - Conceived, designed, and deployed a full-stack AI application allowing users to practice job interviews with an AI agent.
    - Engineered the platform using Next.js, leveraging the OpenAI Whisper API for real-time speech-to-text and GPT-4.1-mini for generating dynamic, context-aware interview questions and feedback.
  - **AI Video-to-Jira Ticket Generator**
    - Developed a tool that analyzes screen-recorded product manager feedback, performing frame-by-frame analysis to automatically identify issues and generate pre-populated Jira tickets, streamlining the product feedback loop.
  - **FireSaaS.dev - Open Source Boilerplate**
    - Created and maintain a popular open-source starter kit for building Next.js and Firebase applications.
    - Demonstrates strong "platform thinking" by providing a robust, extensible foundation that accelerates development for other engineers, featuring pre-built authentication, database integration, and subscription logic.
- 

## Professional Experience

**Front End Software Engineer** | BambooHR | Austin, TX (Remote) *May 2022 - Present*

- Pioneered the adoption of AI development tools (GitHub Copilot, Cursor) across the team, increasing development velocity and code quality.
- Led the architecture and development of critical user-facing features in a large-scale React and Next.js application, improving user engagement and performance.

- Engineered scalable and reusable component libraries, enhancing developer experience and ensuring design consistency across the product.
- Optimized web application performance, reducing load times by 25% through code splitting, lazy loading, and efficient state management.

**Senior Software Engineer** | Tensure Consulting | Austin, TX *May 2021 - May 2022*

- Architected and delivered full-stack solutions for enterprise clients, interfacing with cross-functional teams to translate business requirements into technical specifications.
- Designed and implemented robust RESTful APIs and backend services using Node.js, enabling seamless data integration between disparate systems.
- Mentored junior engineers on best practices for modern web development, CI/CD pipelines, and writing clean, maintainable code.

**Software Engineer 2** | S&P Global Market Intelligence | Richmond, VA *Dec 2018 - May 2021*

- Developed and maintained complex financial data visualization tools using JavaScript frameworks and D3.js.
- Collaborated on a large, distributed team to build and scale a mission-critical web application, focusing on reliability and data accuracy.
- Improved application test coverage by 40% by implementing a comprehensive end-to-end testing strategy using Cypress.

**Software Developer** | Hyland | Westlake, OH *Jun 2017 - Nov 2018*

- Contributed to an enterprise content management platform, focusing on building and testing new product features.
- Developed test automation frameworks from the ground up, reducing manual testing time by over 50%.

---

**Technical Skills**

- **Languages:** JavaScript, TypeScript, Python, HTML/CSS
- **Frameworks & Libraries:** Next.js, React, React Native, Node.js, Express, FastAPI, Godot
- **AI / LLM:** OpenAI API (GPT-4, Whisper), Gemini API, LangChain, Vector Databases, Prompt Engineering, Google Vertex
- **Databases & Infrastructure:** PostgreSQL, Redis, Firebase, Docker, Google Cloud (Pub/Sub), Vercel
- **Developer Tools:** Git, GitHub Actions, Jira, Cursor, Postman, Terraform