

HARRY WYNN

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Aynor, SC (Remote)

ABOUT

Senior Full Stack & Data Engineer with 25+ years of experience designing and delivering production-grade web, data, and analytics systems. Deep expertise across modern JavaScript (Next.js, React, Node.js), ETL and warehousing architecture, AWS cloud environments, and AI-driven automation.

I architect and build end-to-end systems - from application layer to data model to reporting infrastructure - creating scalable, maintainable solutions that eliminate manual processes and provide reliable operational insight. Recent work includes large-scale BI platforms, high-volume ETL environments, and targeted LLM/RAG integrations using AWS Bedrock.

SKILLS

Frontend: Next.js, React, TypeScript, JavaScript, Angular, HTML/CSS, Bootstrap

Backend: Node.js, RESTful APIs, Java

AI & Cloud: AWS Bedrock, RAG, LLM Integration, Vector Databases, S3

Data: MySQL, SQL Server, Metabase, ETL Pipelines, Data Warehousing

Tools: Git, Bullhorn ATS/CRM, Microsoft Dynamics GP

EXPERIENCE

Senior IT Architect

Solomon Page | Remote | 9/17 → Current

- Built Bullhorn ATS/CRM reporting and commission calculation tools used by recruiters, division leadership, and executives; standardized KPIs and reduced manual spreadsheet reporting.
- Architected a Node.js ETL + data warehousing pipeline consolidating disparate systems and powering self-serve analytics in Metabase.
- Built and maintained internal systems (Next.js/React/Angular/Node/MySQL) supporting 2,000+ weekly consultants, including automated payroll/billing integration to Microsoft Dynamics GP.
- Automated Bullhorn job posting + application processing, handling 3,000+ daily listings/applications with reliability and monitoring improvements.
- Architected a production RAG capability using AWS Bedrock Knowledge Bases with a multi-model inference layer (OpenAI, Claude, Llama, Mistral) to balance quality and cost; implemented vector search with optimized chunking (400 tokens, 20% overlap) to improve retrieval quality for large knowledge bases.

Full-Stack Application Developer

Freelance | Remote | 1/08 → Current

- Developed web applications and internal tools for small to mid-sized businesses across manufacturing, real estate, automotive and nonprofit sectors utilizing Next.js, React, Angular, Node.js and MySQL
- Built responsive public facing and admin management platform for commercial real estate investment firm
- Built responsive customized employee time punching/tracking solution for skilled labor staffing firm
- Delivered public-facing websites and backend automation systems optimized for performance and scalability

Copilot

Topcoder | Remote | 9/14→12/17

- Led delivery of 50+ native iOS/Android and responsive web applications across multiple client accounts
- Scoped projects, authored technical challenges, and managed execution via Topcoder's community platform
- Coordinated code reviews, triage/bug fixes, contributor payouts, and final client deliverables

Senior Application Developer

BrickSimple | Remote | 8/03 → 9/17

- Built custom Windows, iOS, and web applications for clients primarily positioned in healthcare, government, and staffing industries
- Created healthcare data aggregation platform used by major pharmaceutical companies
- Delivered QuickBooks-integrated job tracking tool serving 2,000+ users
- Developed CMS for 911 emergency dispatch centers deployed across New Jersey and South Carolina
- Led mobile projects including public works asset management iOS app for municipal governments

EDUCATION

Bachelor of Science in Business Administration

Pennsylvania State University

VOLUNTEERING

Youth Basketball Coach (12U)

Aynor Area Athletic Association | Aynor, SC | 12/25 → 2/26

- Led and developed a 12-player team focused on discipline, teamwork, and skill progression
- Planned practices, rotations, and game strategy under time and performance constraints
- Mentored athletes with varying skill levels and learning styles

SELECTED PROJECTS

1-800 SellACar – Full-stack development with Next.js, Node.js, and MySQL

Solomon Page Healthcare Jobs – Full-stack development with Angular, Node.js, and MySQL

Job Connection Services – Full-stack development with Next.js, Node.js, and MySQL