

# HANIF CARROLL

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## Summary

Full-stack engineer with 7+ years of experience building products. Looking for an early-stage team where I can own features end-to-end, ship fast, and work directly with users and founders.

## Skills

- **Technical:** React | TypeScript | JavaScript | Next.js | HTML | CSS | Tailwind | Node.js | Docker | Git
- **Product:** User Research | Product Strategy | Prototyping | Problem Validation | MVP Development | Agile | Testing

## Work Experience

<b>Full-stack Software Engineer</b>	<b>Freelance</b>	<b>Sep 2024 – Current</b>
<b>AI Video Generation Platform</b>		
<ul style="list-style-type: none"><li>• Architected a distributed video processing pipeline using pg-boss and Node.js, implementing idempotent retry logic and rate limiting to manage concurrent workloads across 10+ external AI providers (OpenAI, Runway, Kling).</li><li>• Engineered a custom two-pool credit billing system with Stripe integration; implemented per-user distributed locking to prevent race conditions and ensure financial accuracy during parallel usage.</li><li>• Modernized frontend architecture by migrating to TanStack Query and Zustand, enabling optimistic UI updates for real-time tracking of long-running video generation jobs.</li></ul>		
<b>Social Events Platform</b>		
<ul style="list-style-type: none"><li>• Led the migration to a TypeScript Monorepo, implementing shared Zod schemas to enforce type safety across the stack; this significantly reduced integration bugs and improved developer velocity for the junior team.</li><li>• Established strict CI/CD and Code Quality standards, migrating the API layer to typed services and eliminating technical debt to prepare the platform for public scale.</li></ul>		
<b>Senior Front End Engineer</b>	<b>Nearsure</b>	<b>Feb 2023 – Feb 2024</b>
<ul style="list-style-type: none"><li>• Improved efficiency and user satisfaction for 3,000+ sports organizers by engineering an interactive, user-friendly scheduling tool.</li><li>• Enhanced mobile experience by developing an optimized list view that enabled rapid event editing on mobile devices.</li></ul>		
<b>Front End Engineer</b>	<b>LeagueApps</b>	<b>Nov 2021 – Feb 2023</b>
<ul style="list-style-type: none"><li>• Reduced scheduling time by 45% and enhanced UX by implementing an intuitive drag-and-drop scheduling grid.</li><li>• Built comprehensive reporting modules with AG Grid, focusing on clear data presentation for event planning and analysis.</li><li>• Eliminated team double-booking issues by engineering an automated conflict detection system with clear user notifications.</li><li>• Established a standardized front-end component library using Styled Components and Storybook, ensuring consistent user experience across the application.</li></ul>		
<b>Software Developer</b>	<b>Capgemini</b>	<b>Jan 2019 – Oct 2021</b>
<ul style="list-style-type: none"><li>• Boosted development productivity by reducing test suite execution time by 60% (~20 min/cycle).</li></ul>		

- Designed and implemented executive KPI dashboards, focusing on clear data visualization for leadership decision-making.

## Featured Projects

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- **HablaBA** - Built and launched a full-stack MVP after leading the complete product cycle: identified gaps in the market after running user discovery interviews (15+ participants), defined requirements, designed prototypes, implemented features using AI-assisted development, and conducted usability testing.
- **Vox Prismatic** - Designed and deployed a full-stack AI SaaS MVP that processes client call transcripts then generates and schedules LinkedIn posts, streamlining coaches' and consultants' content workflows.
- **Joplin Product Strategy Analysis** - Analyzed 750+ user feedback entries using an AI-powered pipeline to surface key product issues. Developed a data-driven roadmap prioritizing sync reliability and UI improvements, demonstrating strategic product thinking and technical execution for open-source software.

## Education

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- **B.S. in Health Sciences**, University of South Florida