Contact

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Top Skills

OpenTofu
Systems Design
Product Development

Languages

Spanish (Professional Working)

Honors-Awards

Salutatorian
Washington State Honors Award
AP Scholar with Distinction

Nathan Jones

Founder and CTO @ Basely Technologies | Systems Design,
Product Development
Greater Seattle Area

Summary

As the Founder and CTO at Basely Technologies, I am shaping the
future of AI-driven hiring by developing market-driven solutions that
enhance transparency and efficiency in technical evaluation. My
contributions include designing the Basely ecosystem, architecting
innovative tools like ContainerBox for application deployment,
developing ContainerView to evaluate real-world technical skills, and
creating Basely Connect to connect candidates vetted portfolios with
companies for jobs.

I am passionate about using my software development and computer
science skills from my Durham University Degree to build innovatives
products and solutions.

Experience

Basely Technologies
Founder
December 2025 - Present (3 months)
Remote, UK

As Founder and CTO, I designed and deployed the Basely ecosystem to cut
through the noise of AI-saturated hiring. I am responsible for the technical
vision, product strategy, and technical development of our market-driven
solutions.

Infrastructure Engineering: Architected ContainerBox, an isolated and secure
execution environment that enables rapid-iteration sandboxes for quick
application deployment.

Observability & Vetting: Developed ContainerView to provide deep-dive
transparency into a candidate's technical proficiency by testing real-world skills
such as system design and cloud deployment.

Operational Management: Spearheaded the operational launch including legal formation, financial setup, and marketing to position Basely as the "Base Layer" for technical evaluation and development.

Code Camp UK
Code Instructor
October 2025 - Present (5 months)
United Kingdom

• Instructed children in JavaScript and coding fundamentals, fostering a passion for technology.
• Managed classroom dynamics to create an engaging and productive learning environment.
• Developed leadership skills by guiding students through coding projects and challenges.

Castle Community Action (CCA)
Treasurer
August 2025 - Present (7 months)
Durham, England, United Kingdom

• Managed fundraising initiatives, including the successful castle charity auction that raised over £5,000.
• Secured grants to support the financial stability of the clarity society.
• Oversaw budgeting and financial reporting to ensure transparency and accountability.

Durham University Computing Society
Treasurer
April 2025 - Present (11 months)
Durham, England, United Kingdom

• Developed and implemented a VBA script to enhance financial reporting for five computing societies, managing budgets of approximately $70k.
• Reduced weekly administrative time by over 5 hours, significantly minimizing manual data entry errors.
• Collaborated with university staff and executive teams to organize events and secure sponsorships, fostering a vibrant community.
• Contributed to the development of startup culture and project teams, enriching the entrepreneurial and computing landscape in Durham.

Durham University Esports and Gaming
Treasurer
April 2025 - Present (11 months)

Managed the financial and operational aspects of a university society, focusing on automation and event support.

• Implemented automated bookkeeping, membership, laptop booking, and payment systems to improve operational efficiency.
• Contributed to the organization and execution of various events, enhancing member engagement.
• Developed and launched a new website using React and TypeScript, increasing our digital footprint.

feasibly
9 months

AI Full Stack Developer
July 2025 - January 2026 (7 months)
London Area, United Kingdom

AI System Optimization

Identified critical robustness, cost, and efficiency issues and championed the implementation of a parallelized hybrid AI agent with token tracking and backup AI deployed on AWS Lambda. This reduced runtime by 85%, token cost by 90%, and cloud cost by 50%, transforming a barely-functional AI into a robust, production-ready product in 48 hours.

Product & Technical Leadership

Spearheaded the technical vision, identifying and owning key product features while navigating a major strategic pivot to refine and deliver a new MVP. Delivered products from concept to production in 4 weeks, building the frontend in 24 hours and securing 12 beta users. Trusted by leadership to define technical hiring criteria and lead the interview and onboarding process for the Founding Engineer.

Full-Stack Development

Engineered and documented new full-stack AI products with a React/TypeScript frontend and a TypeScript/Python/LangGraph backend. Assisted the implementation of a full company rebranding, including a new marketing site and UI, while writing clean, modular code to extend existing AI and SaaS functionalities.

Cloud Architecture & DevOps

Architected and maintained cloud infrastructure using AWS (ECS, RDS, Amplify, Bedrock, Aurora, Redshift, Lambda) and Docker. Assisted with the transition to IaC using OpenTofu and AWS CDK. Implemented a scalable NX monorepo to streamline development and managed deployment.

AI and Data Engineering

Created AI Agents w/ LangGraph & AWS Bedrock for Agentic GIS web app, automating data pipelines from AWS RDS to Redshift for Agentic Knowledge base, reducing cloud costs via serverless pricing.

Cross-Functional Collaboration

Contributed to internal documentation, testing coverage, and workflow automation for long-term maintainability. Utilized agile SDLC for collaborative scrum standups and integrated Linear, Slack, and GitHub Actions for code reviews, tests, & CI/CD pipelines.

Full Stack Developer Intern
May 2025 - July 2025 (3 months)
London Area, United Kingdom

- Assisted in developing and maintaining AI-driven web applications, combining geospatial data pipelines with LLM-generated reporting tools.
- Built, documented, and deployed clean, scalable code across frontend and backend environments.
- Collaborated on integrating machine learning models for feasibility analysis and automated insights.
- Contributed to infrastructure setup and deployment using AWS services such as Cognito, Amplify, RDS, DynamoDB, Lambda, VPC, ECS Fargate, and Route 53—primarily via the AWS CDK.
- Participated in the rebranding initiative, designing updated UIs and refining product presentation through Tailwind CSS and React.
- Supported full-stack testing, bug fixes, and production launches within an agile startup sprint.
- Delivered a fully functional AI platform for solar feasibility from concept to production in under 4 weeks, building the initial React frontend from scratch in just 24 hours.

- Re-architected the initial AI agent using LangGraph in 48 hours to improve robustness and efficiency, successfully reducing runtime and cloud costs prior to production launch.
- Preformance review resulted in promotion to full-time AI Full Stack Developer.

DurHack
Finance Officer
February 2025 - December 2025 (11 months)
Durham, England, United Kingdom

Created and deployed VBA script to streamline financial reporting, manage invoices for incomings and outgoings.
Collaborated and assisted with sponsorship, tech, hacker experience, logistics, design, and marketing teams to organize the 2nd largest hackathon in the UK(600+ people).

YMCA of Greater Seattle
Aquatics Lead
March 2024 - December 2025 (1 year 10 months)
Sammamish, Washington, United States

- Led team shifts with clear communication, adaptability, and proactive problem-solving—setting a strong example of professionalism, integrity, strong work ethic, and collaboration while mentoring staff and improving customer experiences.
- Oversaw deck operations, enforced safety protocols, trained lifeguards and swim instructors, and responded to emergencies with confidence—ensuring a high-performing, safety-conscious aquatic environment.
- Taught and certified over 100 lifegaurds in Red Cross Standards and life-saving skills

Si View Metro Parks
Lifeguard 2 / Supervisor
August 2021 - July 2024 (3 years)
North Bend, Washington, United States

• Educated children on swimming techniques through effective demonstrations and clear communication.
• Assessed emergency situations and applied life-saving skills to ensure safety.
• Coordinated and trained teams in life-saving practices, fostering a collaborative environment.

• Managed daily operations to maintain a smooth and safe swimming experience for all participants.

Education

Durham University
Bachelor of Science - BS, Computer Science · (September 2024 - June 2027)

Mount Si High School
High School Diploma · (August 2020 - June 2024)