

FLINT BARROW

Senior Software Engineer / Principal Developer / Team Lead / CTO

DETAILS

ADDRESS

Atlanta, GA, 30032

PHONE

(404) 953-5468

EMAIL

flint.barrow@gmail.com

SKILLS

Cloud Architectures / AWS

AI & Large Language Models / Chatbots

Management / Leadership & Teamwork / Entrepreneurship

React.js, Node.js, Serverless, Typescript

Software Development / Python / Java / OO

Relational Databases SQL + NoSQL

DevOps / Software Engineering

Product Management

Product Design + UI/UX

PROFILE

Experienced and innovative CTO/Principal with a strong background in natural language processing, web development, and software engineering. Proven track record in leading teams, managing projects, and developing scalable solutions. Recognized for a deep understanding of cloud computing, DevOps, modern web technologies, and a commitment to continuous learning. Excels in leadership and creating vision.

EMPLOYMENT HISTORY

PRINCIPAL ENGINEER, Frequency New York
Aug 2024 — Present

- Drive business success by overhauling processes, departments and maturing all elements of the company.
- Provide technical leadership and guidance to the engineering team while driving architectural decisions and designing scalable, robust, and secure software solutions for complex enterprise systems.
- Launched new product lines that 10x business revenues through innovative technical implementations and strategic market positioning.
- Optimized architectures to reduce infrastructure costs by 40% while maintaining high performance and reliability across distributed systems.
- Created long-term roadmaps and vision for engineering teams to follow, ensuring alignment with business objectives and emerging technology trends.
- Collaborate with product managers to translate complex requirements into efficient technical implementations while mentoring engineers, conducting thorough code reviews, and promoting best practices like TDD and clean code.
- Lead key project implementations while ensuring alignment with strategic goals, identifying process improvements, and fostering effective communication across cross-functional teams.

CHIEF TECHNOLOGY OFFICER, SOCIAL ASKING

Atlanta

Jan 2021 — Present

Founded Social Asking providing designs through full solution for productizing advanced analytics services tailored to customer needs while establishing a foothold in the fan engagement market.

Implemented modern technologies such as Node.js, React, TypeScript, and AWS serverless architecture, increasing the product's scalability by a factor of 100.

Architected and built out AI chatbots utilizing cutting-edge technologies from Anthropic, via AWS Bedrock, and the advanced language model Claude, enhancing offering through state-of-the-art AI capabilities.

Managed cross-functional teams, overseeing stand-ups, roadmap planning, and architecture implementation, consistently delivering projects ahead of schedule and under budget.

Established strong relationships with key stakeholders to deeply understand their requirements and successfully integrated cutting-edge chatbot technology.

Demonstrated leadership in mentoring team members and fostering a collaborative environment focused on innovation and continuous learning.

CHIEF TECHNOLOGY OFFICER, SENTIMENT 360

Atlanta

Oct 2011 — Jan 2021

Conceptualized and launched the Qutee project, a pioneering social media platform that amassed over 200K users through strategic influencer partnerships and content creation initiatives, capitalizing on the emerging influencer marketing trend while capturing key data in gaming and other markets.

Led and managed cross-functional teams of up to 7 developers, overseeing hiring, daily operations, and driving project execution. Replaced API with modern REST technologies.

Orchestrated a comprehensive overhaul of the existing technology stack, implementing a scalable solution built on ObjectDB and replacing the API with modern REST technologies, enhancing performance and future growth potential.

Provided strategic guidance and made pivotal development decisions, shaping the product roadmap and driving innovation. Leveraged cutting-edge web 2.0 technologies, including GWT, AJAX, and jQuery, to deliver rich and responsive user experiences.

Developed scalable natural language processing solutions using Enterprise Java, enabling advanced language understanding capabilities.

Envisioned and drove the development of the groundbreaking Octopii product, the first data-centric commenting system, convincing key decision-makers to bring this innovative solution to reality.

Revitalized mission-critical projects following the acquisition of Enkia

Corporation, seamlessly integrating teams and ensuring business continuity.

SPECIAL DEVELOPER, MOXIE

Atlanta

Mar 2011 — Nov 2011

Maintained internal projects such as our large employee portal (handled all HR related tasks as well as blogs for each department) Built client sites specializing in WordPress for client CMS needs including big names like BBC America.

Guided suggestions and design maintained and continually updated our outward facing site www.moxieinteractive.com.

Played integral role in planning and design of moxie's future portfolio site.

Lead internal endeavors for PR campaigns including an advanced twitter conversation tracker for ComicCon 2011 and PGA Championship 2011.

FEVER

Atlanta

Feb 2010 — Feb 2011

Created custom software for video sharing project Completed WordPress sites such as www.flutternyc.com.

Co-developed augmented reality systems for Grazia Magazine and Pop Magazine.

SOFTWARE ENGINEER INTERN, GOOGLE

Boulder, CO

May 2010 — Aug 2010

Lead a groundbreaking research project for a new product to help guide day to day quality assurance decisions across the company. Prepared patent for the research. Patent was granted! Listed as the inventor of patent. Researched white box techniques for identifying error-prone areas of code.

Learned the atmosphere of quality assurance in large settings.

Worked in Python to Google's stringent code standards.

DEVELOPER, ENKIA CORP.

Atlanta

Feb 2008 — Aug 2009

Created the IISA web training system for the US Air Force. Worked with DARPA grants on advanced natural language processing research and implementations.

Primary interface implementer (variety of end user applications that accessed SOA services and/or MySQL databases including: Word Add-ins, WordPress extensions).

Created custom CMS in PHP for multiuser AI system training and use Used web 2.0 technologies including but not limited to GWT, AJAX and jQuery

EDUCATION

Computer Science, Georgia Institute of Technology

Atlanta

Aug 2006 — Jan 2010

High School Diploma, Upson Lee High School

Thomaston

Aug 2002 — May 2006

Georgia Governors Honors Participant

Platinum SAT Award (Highest score county-wide)

REFERENCES

References available upon request

TESTIMONIALS

Jared Bray

Direct Report to
Flint

Jan 2013 — Present

I'm very pleased to have been able to work with Flint for 10 years. During that time, I've seen him excel at any role he's taken on.

As a developer, he is able to quickly map out and detail problems, come up with concise solutions or designs, then research and implement prototypes at lightning speed before filling in further robustness.

As an entrepreneur, he has a complete understanding of the product he is working on. He can clearly articulate its purpose and value to clients, understanding their use cases and in turn giving them an understanding of how they would benefit from the product.

He also has the talent for discovering potential features that would best align with a customer's needs.

As a leader, he is always willing to lend an ear if you need help with a problem or just want to talk it through, offering sound advice or working side-by-side as needed. He has a tremendous aptitude towards organization, which is displayed in his ability to craft outlines for team meetings which keep them streamlined and moving efficiently, or in his creation of road maps and his task management, where he deftly prioritizes and delegates tasks to guide the team towards best pushing projects forward.

I have no doubt that Flint will be a strong asset to any team fortunate enough to work with him.

Henri Boynton, Junior Programmer

Direct Report to
Flint

Jan 2024 — Jul 2024

Flint has been an indomitable driving force behind the development of Social Asking, and an outstanding mentor to me throughout my internship. No matter how many obstacles or frustrations get in the way of getting things done, he keeps things moving forward: No matter how big or small a problem, Flint is able to tag in and seamlessly support team members at their own level.

I'm grateful that Flint invited me to share in the work at Social Asking, supporting his dream of bringing a healthier and more effective model of customer feedback to every industry.

Jon Parker, CEO

Flint's Direct
Report

Feb 2022 — Mar 2024

During his time at Social Asking, Flint proved to be an invaluable asset to our team. His technical expertise, coupled with exceptional problem-solving abilities and a deep understanding of AI and cloud architecture, allowed him to consistently deliver high-quality work that exceeded expectations.

Sam Konnick, Senior Engineer

Direct Report to
Flint

Mar 2014 — Jan 2017

Flint is the kind of manager any software developer would hope to have at any stage in their career. He empowers people of all skill levels to accomplish more than they could have on their own and gives them flexibility in choosing their path. Also, he has exemplary technical and entrepreneurial skills which will quickly gain anybody's respect within an organization. I personally had the pleasure of working for Flint for 3 years at Sentiment 360, and the amount of growth I witnessed in both of our careers and the company proves his outstanding leadership skills. It is very rare to have a direct manager that you can appreciate as a leader, software developer, and friend, but Flint has no problem fulfilling any role people may expect out of him.

Henry Crutcher, Co-Founder Equities Lab

Flint's Direct
Report

Jan 2009 — Mar 2011

Flint's design sense and ability to program were head, shoulders and waist above the norm -- he can figure out how to make something pretty, usable, and then go make it happen with little need for guidance. This make him an indispensable part of our team. He was also wonderful at learning new technologies. At one point, the discussion was had to port our entire project to ActionScript 4, and he made a demo version of our page that convinced them that if they wanted to do it, we could make it happen, without having known ActionScript in advance.