

BONGANI L. MBIGI

(682) 365-7716 • bongani.mbigi@icloud.com • [linkedin.com/in/Bongani-Mbigi](https://www.linkedin.com/in/Bongani-Mbigi)

EDUCATION

The University Of Texas at Austin
Mathematics with Certificate in Computer Science and Business

Bachelors of Science in

EXPERIENCE

Favor Delivery

Nov 2022-Present

Backend Software Engineer II [Kotlin, Micronaut]

- Architected migration from legacy systems to a microservices ecosystem, powering the merchant portal used by thousands of partners; improved scalability and resilience of order workflows.
- Launched Favor Gold subscription platform, driving double-digit growth in paid user adoption and achieving net-positive revenue within 3 months.
- Built PCI-compliant financial data access service, enabling secure retrieval of 3+ years of transactions and reducing merchant support escalations by ~30%.
- Designed shared CI/CD pipeline and automated SDK generation, cutting cross-team integration bugs by 25% and accelerating API delivery timelines.
- Partnered with product and frontend teams to set API standards and workflows that sped up feature delivery.

Hudl

July 2021-Nov 2022

Software Engineer II [C#, .NET, Python, Typescript, React Native]

- Owned end-to-end development of distributed services powering Hudl's flagship AI-powered Focus Flex Camera, from embedded server logic to mobile app integration.
- Scaled video processing pipelines to reliably handle hundreds of concurrent game streams, reducing failure rates and improving capture quality.
- Collaborated with hardware and ML engineers to integrate real-time computer vision models into live video workflows.

Broadleaf Commerce

August 2020-July 2021

Software Engineer [Java, Spring Framework, Javascript, Typescript, React]

- Key contributor to replatforming initiative, breaking a Spring monolith into modular microservices to enable independent scaling and faster deployments.
- Built a TypeScript SDK to streamline third-party developer adoption, cutting integration time from weeks to days.
- Led transition to Next.js storefronts, improving page load times and SEO rankings, resulting in measurable organic traffic growth.
- Partnered with architects to establish service boundaries and standardize API contracts.

Transmute Industries

August 2018- Dec 2019

Junior Software Engineer [Javascript, NodeJS, Express, React]

- Developed the first production-ready frontend for Transmute's decentralized identity platform, showcased at Oracle's Startup Cloud Accelerator.
- Delivered MVP product demo that directly supported acquisition of the company's first enterprise client.
- Integrated blockchain-based identity verification workflows into the platform.

Blackbaud

May 2018- August 2018

Software Developer Intern [Java, Javascript, Spring Framework, Azure]

- Developed the first production-ready frontend for Transmute's decentralized identity platform, showcased at Oracle's Startup Cloud Accelerator.
- Delivered MVP product demo that directly supported acquisition of the company's first enterprise client.
- Integrated blockchain-based identity verification workflows into the platform.

Hudl

May 2017- August 2017

Software Developer Intern [C#, Javascript, .NET, React]

- Extended online video editor to support dynamic branded overlays, unlocking new ad revenue.
- Prototyped a highlight rendering pipeline (HTML5 + FFmpeg) that scaled across servers, replacing costly Adobe workflows.

State Farm

June 2015- August 2015, June 2016- August 2016

Software Developer Intern [Java, Spring Framework, Cucumber]

- Designed a common serialization format (evaluated Avro, Protobuf), reducing multi-state processing overhead by 40%.
- Built a Cucumber test automation framework, cutting regression test cycles by 70%.

PRESENTATIONS

Internet Identity Workshop XXIX

October 2019

Decentralized UX: Designing Around Decentralized Identities