

Garrett Berg

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SUMMARY

Solution Engineer with 4+ years supporting blockchain ecosystems and Web3 infrastructure. Experienced in Rust, Solidity, and EVM environments with proven ability to collaborate with developers and stakeholders.

EXPERIENCE

Senior Full Stack Software Engineer

Agora

April 2025 - October 2025, San Francisco

- Delivered offchain voting capability by integrating Optimism token house and citizen house voting through Ethereum attestation service to service 25,000 monthly active users.
- Collaborated with ecosystem partners to integrate third-party identity verification APIs, automating applicant vetting and enhancing security workflows for the \$230M Optimism grant funding program.
- Enhanced DAO voting infrastructure by resolving software defects and delivering core site and service upgrades using Next.js and React.
- Collaborated with internal engineering teams and external DAO partners to troubleshoot integration challenges, providing technical guidance and solutions to accelerate development across the Optimism ecosystem.
- Optimized backend infrastructure performance, reducing API response times by 70% (400ms to 120ms) across critical voting flows, ensuring reliable developer and end-user experience for 25,000 monthly active users.
- Created technical documentation and reference materials for platform integrations, supporting onboarding of new DAO projects and improving developer success across the governance platform.

Software Engineering

Accenture Federal Services

March 2024 - April 2025, Washington DC

- Engineered Python data pipelines to integrate on-chain transaction data from EVM-compatible blockchains with 5 centralized exchange platforms, enabling standardized analytics workflows and advanced reporting capabilities.
- Analyzed and supported smart contract deployments in EVM environments using Solidity and Rust, verifying token structures and contract logic while providing technical guidance to both technical and non-technical stakeholders for regulatory compliance.
- Managed cloud infrastructure across 3 AWS accounts, configuring EC2 instances, Lambda functions, and S3 storage to support blockchain analytics workloads while maintaining security and compliance standards.
- Led technical briefings for CFTC enforcement team, translating complex token structures and smart contract findings into clear insights for non-technical stakeholders after validating accuracy and correctness with engineering team.

Data Engineer

Truth Initiative

June 2021 - March 2024, Washington DC

- Built a segmentation management solution using React for the frontend, Rust actix-web for the backend API, and Snowflake as the data layer, enabling support for diverse group naming conventions across the platform servicing a 900M advertising campaign.
- Configured a web server infrastructure utilizing Node.js to manage external data ingestion, implementing validation layers to preserve data quality prior to Snowflake integration, removing manual ingestion time by 40 weekly hours.
- Developed and maintained robust data pipelines using Rust to establish seamless data flow between Redshift and Snowflake, addressing fragmentation between teams and enabling unified access to information across the organization.

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EDUCATION

Master of Science in Software Engineering

Pennsylvania State University • State College, PA • 2025

Bachelor of Science Marketing

Indiana University of Pennsylvania • Indiana, PA • 2019

SKILLS

- Technical Skills: Rust, Solidity, Python, TypeScript, Smart Contract Development, EVM Environments, Blockchain Protocols, AWS (EC2, Lambda, S3), Next.js, React
 - Hard Skills: Technical Documentation, Developer Advocacy, Solution Architecture, API Integration, Technical Presentations
 - Soft Skills: Stakeholder Communication, Developer Support, Ecosystem Partnership, Client Liaison, Technical Translation
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