

Nikhil Anjuri

Rust Developer | Technical Lead | Blockchain Engineer

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Summary

Developer with a strong background in Rust, systems engineering, and blockchain infrastructure, experienced in leading teams and delivering production-grade developer tooling. Proven record across quantum computing IDEs, zero-knowledge proof SDKs, browser extensions, and genomics pipelines. Holds a Master's in Data Analytics from Penn State.

Experience

Rigetti Computing – Technical Lead

San Francisco Bay Area (Remote) | Aug 2024 – Present

- Lead sub-team for ForestSDK IDE, building developer tooling that streamlines quantum programming workflows.
- Designed diagnostics and linting systems to deliver actionable compiler feedback, boosting developer productivity and reducing error rates.
- Drove IDE-level enhancements such as circuit visualization, migration support, and hardware-aware debugging, bridging pyQuil users with Rigetti quantum hardware.

ATS GeneTech Pvt Ltd – Technical Lead / Partner

Hyderabad, India | Nov 2021 – Present

- Co-authored and developed AgriSeqRI 1.0, a reporting utility for the AgriSeq Canine Traits & Disorders panel, presented at ISAG 2023 with Thermo Fisher Scientific.
- Co-authored AgriSeqPI 1.0, a companion reporting utility for SNP-based parentage inference, also presented at ISAG 2023.
- Integrated AgriSeqRI/PI into the Ion Torrent / AgriSeq pipeline, generating Laboratory Information Management System (LIMS)-ready outputs with QC metrics.
- Designed a standalone web interface for AgriSeqRI, enabling labs without Ion Torrent infrastructure to upload variant data and receive structured reports.
- Directed backend development and plugin architecture to reduce manual review overhead, improve reproducibility, and scale adoption of AgriSeq-based animal genomics workflows.

Irreducible (formerly Ulvetanna) – Rust Developer

San Francisco Bay Area (Remote) | Feb 2024 – Aug 2024

- Built and maintained Rust SDKs and developer ergonomics for zero-knowledge proof systems, focusing on usability and safety.
- Developed clean API abstractions for proof generation pipelines, ensuring reliability while preserving performance at scale.
- Collaborated with cryptographers to integrate cutting-edge proof protocols into production-grade, developer-friendly tooling.

Mozilla – Rust Developer, Emerging Technologies & Pocket Integration

San Francisco Bay Area | Mar 2020 – Jan 2024

- Rust Developer – Emerging Technologies (2021–2024)
 - Developed Rust libraries and tooling for next-gen web features spanning WebAssembly, cross-platform APIs, and experimental browser integrations.
 - Built developer-facing crates that improved safety and ergonomics, enabling adoption of Rust across Mozilla services.
 - Supported Rust → WebAssembly toolchain improvements, lowering friction for web-native app developers.
- Extensions Developer – Pocket (2020–2021)
 - Engineered the Pocket–Firefox extension experience, shipping to tens of millions of Firefox users worldwide.
 - Designed reusable cloud-service patterns to scale high-traffic API calls with reduced latency.
 - Led extension–browser integration strategy, aligning product goals with privacy, permissions, and performance constraints.

Education

Penn State University – M.S. Data Analytics (2017–2019)

Penn State University – Double Major in B.S. Electrical Engineering, Information Science & Technology, Minor in Astrophysics (2012–2015)

Skills

Languages & Tools: Rust, Python, C++, Java, WebAssembly, Android, JavaScript, Solidity, Web3.js, Ethers.js, R, Pandas, NumPy, SciPy

Specialties: Systems Engineering, Blockchain Protocols, SDK Design, Compiler Diagnostics, Developer Tooling, Zero-Knowledge Proofs, Genomic Data Analysis

Languages: English (Native), Hindi (Fluent), Telugu (Native)