

MANISH KRISHNA KANDRAKOTA

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Education

Sreenidhi Institute of Science & Technology

Bachelor of Technology in Computer Science Engineering
GPA: 8.3 (expected 8.5)

Hyderabad
2022 - 2026

Aakash Institute

High School Diploma
Scored 97% - TS Board of Intermediate Education

Hyderabad, Telangana
2019 - 2021

Experience

RESEARCH & PUBLICATIONS

IEEE Xplore — Blockchain Crowdfunding Research (ICRISST 2024)

Bengaluru, India

- <https://ieeexplore.ieee.org/document/1092177>
- A Secure and Transparent Smart-Contract-Based Crowdfunding Model
- Designed and implemented a decentralized crowdfunding system.
- With contributor voting, spending-request governance, and secure fund-release logic.
- Conducted performance evaluation of gas costs, execution latency, and scalability.
- Published results in IEEE Xplore.

Technical Writing

Hashnode

- <https://hashnode.com/@MANISH-K-07>

Medium

- <https://medium.com/@MANISH-K-07>

OPEN SOURCE CONTRIBUTIONS

Checkstyle — Static Analysis Tool (100+ merged PRs)

- Contributed extensively to one of the most widely used Java static analysis tools
- Improved rule consistency, test coverage, documentation, and code quality.
- Enhancements to Javadoc, Regexp, and whitespace validation modules.
- Large-scale improvements to test robustness and CI reliability.
- Bug fixes in AST handling and rule behavior edge cases.
- Recognized by maintainers for consistent, high-quality engineering contributions.

Projects

Decentralized Crowdfunding Platform (Ethereum + Solidity)

- Developed a smart-contract-based model enabling secure contributions, democratic voting, request approval, and transparent fund management.
- Implemented governance workflow: contributor verification, proposal creation, majority-vote checks, and protected fund release.
- Evaluated cost, latency, and reliability; formed basis for the IEEE publication.

Technical Skills

- **Programming Languages:** Java, Solidity, Python, C++, JavaScript, HTML
- **Tools:** Git, CI/CD, IntelliJ, VS Code, Maven, Docker
- **Blockchain:** Ethereum, Smart Contracts, Remix, MetaMask
- **Concepts:** OOP, System Design, Distributed Systems, Governance Models
- **Other:** Test Design, Code Quality, Architecture, Business English, Communication