

# 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/10921771>
- 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