AndroCompute

Distributed Mobile Compute Network

Turning Android Devices into Cloud Compute Nodes

The Cloud Computing Challenge

- High costs for computation-intensive tasks
- Vendor lock-in with major cloud providers
- Underutilized mobile device resources
- Centralized infrastructure vulnerabilities

Our Innovation:
Mobile Distributed Computing

- Leverage idle Android device processing power
- Create decentralized compute network
- Real-time job scheduling and monitoring
- Secure, verifiable execution environment

System Architecture

[Coordinator Server] ← Manages nodes & jobs

[Android Workers] ← Execute compute jobs↓

[Real-time Dashboard] ← Monitor & control

Live System Working

✅ Coordinator: https://sulebashir.pythonanywhere.com

✅ Android Workers: Multiple devices connected

✅ Job Types: Hashing, Math, Data processing

✅ Real-time Results: Sub-second execution

Significant Market Potential

- TAM: $500B+ Cloud Computing.
- SAM: $50B+ Edge Computing
- SOM: $1B+ Mobile Distributed Computing

Revenue Streams:

- Enterprise licensing
- API access fees
- Premium features
- White-label solutions

Why We're Different

- ***Mobile-first architecture***
- ***Lower cost structure***
- ***Easy scalability***
- ***Built-in monitoring***
- ***Open and decentralized***

What's Next

- GPU acceleration support
- Blockchain verification
- iOS client development
- Enterprise features
- Compute marketplace

AndroCompute Team

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THANK YOU

Questions and answers