Sreedhara Chandra
Expert Principal Blockchain Automation Engineer | Full-Stack TypeScript Architect | Bot Systems Specialist

SUMMARY

I am a senior software architect and blockchain automation engineer , with over 20 years of professional development experience and 4+ years dedicated to crypto, trading bots, WebSocket systems, and SaaS automation platforms.

My career spans enterprise systems, mobile applications, cloud analytics, authentication infrastructure, and large-scale data platforms — evolving into high-performance blockchain automation and bot engineering across Solana and Ethereum ecosystems.

I specialize in building:

- Real-time token tracking systems
- Telegram trading bots
- Solana Token Bundling, Deployment and tracking platforms,
- Rug detection & dev-sell intelligence
- MongoDB-driven analytics platforms
- Event-driven SaaS backends

All systems are designed for 24/7 uptime, restart persistence, and real trader usage — not prototypes.

Core Expertise

Blockchain & Crypto

- Solana Web3.js
- Ethereum (EVM)
- Pump.fun SDK
- Token metadata indexing
- Market cap & liquidity tracking
- Dev-sell detection
- Rugpull analysis
- ATH / ROI analytics
- Wallet behavior monitoring

Bot & Automation Systems

- Trading bots
- Token sniper trackers
- Telegram bots
- Volume simulation bots
- Alert engines
- Subscription lifecycle managers

Real-time ranking systems

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TECHNICAL SKILLS

Main Technical Skills	React (9 yr.), Spring Boot, Blockchain (2 yr.), Gemini 3, OpenAI
AI Tools & Assistants	Gemini 3
Programming Languages	Java (21 yr.)
AI & Machine Learning	OpenAI
JavaScript Frameworks	React (9 yr.)
Java Frameworks	Spring (21 yr.), Spring Boot, Struts 2
Databases & Management Systems / ORM	Redis, Snowflake
Cloud Platforms, Services & Computing	AWS
Amazon Web Services	AWS Lambda
Google Cloud Platform	GCP AI
Industry Domain Experience	Blockchain (2 yr.)
Platforms	1C (21 yr.), IOT
BlockChain and Decentralized Software	BSC, NFT marketplace
Methodologies, Paradigms and Patterns	FDD, Observer, POC, Scrum
Codecs & Media Containers	Ffmpeg
SDK / API and Integrations	Keycloak (3 yr.), YouTube API
Scripting and Command Line Interfaces	Make
UI/UX/Wireframing	UI/UX
Other Technical Skills	AI Agents: n8n, Blockchain: Solidity, databases (21 yr.), Dotnet core, GoHighLevel, OOAD, Oracle Fusion Middleware, OSB-SOA, Unreal Engine

WORK EXPERIENCE

Principal Consultant – Search & Platform Migration

Apache SOLR Implementations | .NET → Spring Boot Migration

March 2023 – February 2024

Summary:

Worked as Senior Consultant leading enterprise-grade search implementations and application modernization programs.

Responsibilities:

- Apache SOLR architecture and tuning
- Indexing strategies for high-volume datasets
- Migration of legacy .NET systems to Spring Boot
- Performance optimization
- System modernization consulting

Technologies:

Apache SOLR · .NET · Spring Boot · Java

Senior Product Developer – NFT Marketplace & Enterprise Modules

NFT Marketplace | TCS Application Modules

August 2022 – January 2023

Summary:

Designed and delivered a fully isolated NFT Marketplace platform along with enterprise application modules for TCS.

Responsibilities:

- Architecture design
- Smart marketplace workflows
- Backend module development
- Secure deployment models
- End-to-end delivery

Technologies:

NFT Platforms · Web3 Concepts · Enterprise Application Architecture

Senior Technical Architect – Web Analytics Ecosystem

O-Chat | O-Staff | O-Mart | O-Cademy | O-Commerce | O-Net | O-Mail

September 2021 – February 2022

Summary:

Designed and developed a complete enterprise-grade web analytics platform supporting multiple SaaS applications.

Responsibilities:

- End-to-end analytics architecture
- Event tracking design
- Real-time dashboards
- Data ingestion pipelines
- Cloud scalability planning

Technologies:

AWS · Snowplow · Lambda · CubeJS · Redis

Senior Technical Architect – Identity Infrastructure

Keycloak Authentication Platform

July 2021 – September 2021

Summary:

Designed and implemented enterprise authentication infrastructure using Keycloak.

Responsibilities:

- SSO architecture
- OAuth2 / OpenID integration
- Role-based access control
- Secure token lifecycle design

Technologies:

Keycloak · Authentication · Authorization · IAM

Assistant Manager – Engineering & Delivery

Airbus-Umlaut | Vodafone Fiji | Covid-19 Systems

September 2018 – December 2020

Summary:

Managed multi-country enterprise and government application programs.

Projects Included:

- Airbus-Umlaut design engineering systems
- Vodafone Fiji inventory management platform
- Covid-19 employee contact tracing applications

Responsibilities:

- Agile/Scrum delivery management
- Architecture planning
- Development coordination
- Mobile and backend oversight

Technologies:

Agile · Scrum · Mobile App Development · Enterprise Systems

Senior Technical Architect – IoT & Mobile Applications

Garden Sprinkler IoT App | KAO Mobile iOS App

March 2018 – June 2018

Summary:

Led development of IoT and mobile platforms.

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Responsibilities:

- IoT controller integration
- iOS & Android application delivery
- Backend communication design
- Production deployments

Technologies:

IoT · iOS · Android · Mobile APIs

Web Portal Development Lead

B2B Statistics Tracker | Coops Accounting

January 2017 – February 2018

Summary:

Led long-term development and maintenance of enterprise B2B statistics tracking platforms.

Responsibilities:

- Web portal development
- Dashboard engineering
- Production issue resolution
- Workspace development lifecycle
- Client delivery ownership

Technologies:

Enterprise Web Platforms · B2B Dashboards,

TCS - Associate Consultant - Jun 2008 to Dec - 2017

Wipro - Senior Systems Engineer - Nov - 2002 - Feb - 2008

BLOCKCHAIN & AUTOMATION PROJECTS (DEXBOTSDEV)

Pump.fun Real-Time Token Tracking Engine

- Live WebSocket monitoring
- New token discovery
- Trade stream ingestion
- MongoDB persistence
- Market cap tracking
- Dev sell detection
- Rugpull classification
- Automatic token eviction
- Restart-safe resubscription logic

Stack:

TypeScript · Solana Web3 · Pump.fun SDK · MongoDB · WebSockets

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Advanced Trade Signal Evaluation Engine

- Entry price tracking
- ATH per token
- ROI calculation
- Stop-loss thresholds
- Max allocation logic
- Time-based performance stats:
- 5m / 15m / 30m / 1h
- Early failure detection

Solana Volume Bot

- Controlled buy simulation
- Wallet rotation
- Buy frequency modeling
- Liquidity testing
- Visibility analysis

Telegram Bot – BuyToPlay

- Token-based participation
- Buy-to-enter rounds
- Prize distribution logic
- Market cap boosting mechanics
- Automated game cycles

Pump.fun Token Call Tracker Bot

- User-submitted token calls
- Entry price capture
- ATH & ROI tracking
- Caller leaderboard
- SQLite persistence

Crypto Garden Games

- Users select live Pump.fun tokens
- Token growth visualized as plants
- Leaves → Flowers → Fruit
- Migration event visualization at 75k MCAP

KLIPVEE – SAAS PLATFORM

AI-powered video repurposing platform:

- Keyword-based clip detection
- YouTube URL analysis
- Automatic highlight extraction
- 4–5 viral short clips per video
- Creator-focused workflow

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EDUCATION

Bachelor of Engineering

Electrical, Electronics & Communication Engineering

Siddaganga Institute of Technology

October 1997 – August 2001

AVAILABILITY

- Remote full-time
- Long-term contracts
- Startup MVP builds
- Trading bot infrastructure
- SaaS backend architecture

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