



## 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

## TECHNICAL SKILLS

<b>Main Technical Skills</b>	React (9 yr.), Spring Boot, Blockchain (2 yr.), Gemini 3, OpenAI
<b>AI Tools &amp; Assistants</b>	Gemini 3
<b>Programming Languages</b>	Java (21 yr.)
<b>AI &amp; Machine Learning</b>	OpenAI
<b>JavaScript Frameworks</b>	React (9 yr.)
<b>Java Frameworks</b>	Spring (21 yr.), Spring Boot, Struts 2
<b>Databases &amp; Management Systems / ORM</b>	Redis, Snowflake
<b>Cloud Platforms, Services &amp; Computing</b>	AWS
<b>Amazon Web Services</b>	AWS Lambda
<b>Google Cloud Platform</b>	GCP AI
<b>Industry Domain Experience</b>	Blockchain (2 yr.)
<b>Platforms</b>	1C (21 yr.), IOT
<b>BlockChain and Decentralized Software</b>	BSC, NFT marketplace
<b>Methodologies, Paradigms and Patterns</b>	FDD, Observer, POC, Scrum
<b>Codecs &amp; Media Containers</b>	Ffmpeg
<b>SDK / API and Integrations</b>	Keycloak (3 yr.), YouTube API
<b>Scripting and Command Line Interfaces</b>	Make
<b>UI/UX/Wireframing</b>	UI/UX
<b>Other Technical Skills</b>	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.

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

- Ruggpull classification
- Automatic token eviction
- Restart-safe resubscription logic

Stack:

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

## 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

## **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