

# Neelapu Devi Sri Sai Charan

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## Experience

### Full Stack Developer Inter

Jan 2026 – Jun 2026

Kelp Global, Mumbai, India

**Tech Stack:** Angular, SCSS, NestJS, TypeScript, PostgreSQL, RabbitMQ, Redis

- Reduced API latency by **7x (700ms → <100ms)** through targeted PostgreSQL index optimization on high traffic queries.
- Refactored  $O(N^2)$  **bottlenecks to  $O(N)$**  using hash maps and **parallelizing independent operations**, reducing computation time and improving API throughput for non-critical workflows
- Hardened application security by implementing **salted password hashing** for local authentication
- Eliminated Angular rendering bottlenecks by implementing **infinite scrolling and virtual scrolling**, enabling smooth display of large datasets
- Collaborated via Git workflows and contributed **30+ pull requests**, ensuring code quality through reviews and iterative improvements

## Opensource Contributions

**Twenty CRM** | YC 23 - Opensource CRM | Typescript, React, GraphQL, NestJS

- Fixed a scroll position regression in the timeline activity side panel by decoupling initial load and pagination loading states - eliminated scroll-to-top jumps on fetch more requests by introducing a separate fetchQueryLoading flag, matching the behaviour of the emails activity panel. **PR**
- Resolved a bug where deleting a sub-record from a side panel incorrectly redirected users away from their current page fixed the navigation logic, then eliminated stale UI chips that persisted after deletion by building a Jotai-based state fallback that survives component remounts during bulk deletes **PR**

**Bruno** | Opensource API Client | ElectronJS, Javascript

- Fixed a false-positive success notification in the workspace open flow — prevented a misleading "Workspace opened successfully" toast from appearing when the user cancels the folder picker dialog without selecting a workspace **PR**

## Projects

### URL Checker CLI

Github Repo

Go, Goroutines, Channels, Worker Pools

- Built a high-performance command-line URL health checker capable of validating 100K+ websites and API endpoints using concurrent HTTP requests.
- Engineered a worker-pool architecture with goroutines and channels, improving health-check throughput by over 50× and reducing execution time from ~24 minutes to ~27 seconds.
- Optimized file ingestion using streaming I/O and byte-slice parsing, achieving 8× faster processing while reducing memory consumption by ~99.8%.

## Technical Skills

**Languages & Tools** C++, Java, JavaScript, TypeScript, Go, Git, GitHub, REST APIs  
**Frontend** React.js, Next.js, Angular, TailwindCSS, SCSS  
**Backend & DB** Node.js, Express.js, NestJS, PostgreSQL, Prisma ORM, Redis, RabbitMQ

## Education

### SRM University Andhra Pradesh

2022 – 2026

B.Tech in Computer Engineering

CGPA: 9.0/10.0

### Sri Sarada Educational Institution

2020 – 2022

Higher Secondary Education (M.P.C)

97.1%