



EDUCATION

<b>COLLEGE EDUCATION</b> - Sri Eshwar College of Engineering    7.74 (IIIth-sem)	2024-2028
<b>SCHOOLING</b> - St Joseph's Matric Hr Sec School    80.3%	2023-2024
<b>SCHOOLING</b> - St Joseph's Matric Hr Sec School    82.4%	2021-2022

PROJECT

**Engal Sandhai – Billing & Realtime Stock Management System** [Github](#) September 2025

Tech Stack: React JS | Tailwind CSS | Node JS | Firestore | WebSockets | Firebase Auth | REST APIs

Developed an intranet-based billing and real-time stock management system for a campus vegetable store, serving ~300 users with 5 administrators handling inventory and pricing. Implemented role-based access control, order processing, and atomic database transactions to prevent overselling. Built a QR-based payment workflow with manual verification and real-time updates via WebSockets.

**Secure Paste – Browser Extension for Secret Protection** [Github](#) December 2025

Tech Stack: React 18 | Chrome Extension (Manifest V3) | Regex Detection | DOM & Clipboard Handling | Content Scripts

Designed and implemented a browser extension to detect and mask sensitive data such as API keys and credentials during code sharing, preventing leaks to AI platforms and agents. Enabled regex-based detection with real-time masking and secure restoration across 30+ secret formats. Ensured privacy through local processing and customizable security rules.

**Artifex – AI Agent Builder Platform** [Github](#) January 2025

Tech Stack: Python | FastAPI | Next.js | Google ADK | Multi-Agent Systems | Agent Orchestration | Tool Calling Frameworks

Engineered an AI agent builder to transform natural language inputs into production-ready multi-agent systems with automated architecture design and code generation. Implemented support for diverse agent workflows and tool integrations. Developed an interactive web interface for configuration, visualization, and code editing.

**Cloud Meter – Pagination Analysis & Cloud Cost Estimation CLI** [Github](#) March 2025

Tech Stack: Node.js | AST Parsing | CLI(Commander.js) | Static Code Analysis | NPM Package | Cloud Cost Modeling

Built a CLI tool to analyze backend codebases for pagination inefficiencies, query performance issues, and cloud cost estimation across multiple cloud platforms. Implemented AST-based static analysis to detect anti-patterns and generate actionable fix recommendations with scoring. Enabled performance insights and CI/CD integration for automated backend optimization.

ACHIEVEMENTS

Project Selected for WYF Dr. Kalam Young Achiever Award	2025
Successfully completed the OverTheWire Bandit wargame (Linux security challenge)	2026
Ranked in the top 1% (13/1200+) in HackTheRank Challenge by HackerRank	2026
Top 10 among 113 teams in Gen AI Hackathon	2025
Mega Project SCIMIT 2025 – Top 10 among 450+ Teams	2025

CODING PROFILES

**Leetcode:** Solved 235+ problems | Rank: 618,932 | Max Rating: 1,529 | [Leetcode](#)

**Hacker Rank:** 3 Star C, SQL (Advanced) | [HackerRank](#)

**Codechef:** Solved 150+ problems | 97% C++ Skill Test | [CodeChef](#)

**Skill Rack:** Solved 13901380+ problems | Received 20 certificates | 420+ Bronzes | [SkillRack](#)

CERTIFICATIONS

AWS Cloud Practitioner Essentials	AWS	2025
Java on Azure Certification	<a href="#">Microsoft</a>	2025
ReactJS MasterClass	<a href="#">Udemy</a>	2025
Programming in Java	NPTEL	2025

TECHNICAL SKILLS

<b>Languages</b>	C   C++   JavaScript (ES6+)   Bash
<b>Technologies/Frameworks</b>	NodeJS   ExpressJS   ReactJS   ReactNative (Expo)   React Three Fiber
<b>Database</b>	MongoDB   PostgreSQL   MySQL   Firebase   Supabase   Redis
<b>Deployment</b>	Vercel   Netlify   Render   Docker   Nginx   CI/CD Pipelines (GitHub Actions)
<b>Tools</b>	GitHub   Postman   Docker   Kubernetes   AWS   Vim
<b>Core Concepts</b>	DSA   OOPS   DBMS