

PARTH MONGIA

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EDUCATION

SRM Institute of Technology <i>B.Tech in Computer Science — CGPA: 9.8/10</i>	2023 – 2027 Chennai, India
Sacred Heart Convent Sr. Sec. School <i>Senior Secondary (Class XII) — 93.4%</i>	2022 – 2023
Sacred Heart Convent Sr. Sec. School <i>Secondary (Class X) — 91.3%</i>	2020 – 2021

EXPERIENCE

Software Engineering Intern <i>Bharti Airtel Ltd.</i>	Jun 2025 – Jul 2025 Gurugram, India
- Architected high-throughput cybersecurity data platform ingesting 2M+ threat indicators using Next.js, Django, and PostgreSQL; optimized indexing and Redis caching to reduce lookup latency by 60% - Engineered vector-based semantic search and real-time monitoring dashboards to accelerate SOC analyst workflows; integrated MISP and STIX/TAXII feeds with automated enrichment pipelines - Shipped production-ready features via Agile sprints, authored unit/integration tests, and led code reviews across a multi-service backend	

PROJECTS

LazyReadme — AI-Powered Documentation Automation	<i>Next.js Express BullMQ Redis PostgreSQL</i>
- Built open-source SaaS registering GitHub webhooks per repo and auto-updating README.md on every push via multi-provider LLM adapter (Gemini, OpenAI, Anthropic, Groq, and 4 others) - Engineered BullMQ worker pipeline with Redis-backed smart batching; debounced rapid push sequences to reduce redundant LLM calls and Git history noise - Implemented AES-256 encrypted BYOK credential storage, HMAC-SHA256 webhook verification, and self-commit loop guard to prevent infinite re-triggering	
Setu — Cloud Deployment Platform	<i>Next.js Node.js Redis Docker Nginx</i>
- Built end-to-end PaaS platform supporting project ingestion, containerized builds, and automated deployments modeled on Vercel's architecture - Orchestrated multi-tenant subdomain routing via Nginx reverse proxy; persisted build artifacts in MinIO (S3-compatible) and streamed real-time build logs via WebSockets - Developed fault-tolerant, idempotent deployment queue using Redis pub/sub and producer-consumer pattern ensuring zero duplicate executions under concurrency	
SaverMart — AI-Powered E-Commerce Platform	<i>Next.js Express MongoDB Redis Prisma</i>
- Delivered full-stack e-commerce platform with 1,000+ active users featuring collaborative-filtering recommendation engine that boosted user engagement by 35% - Integrated Razorpay with real-time order tracking via resilient webhook consumer; implemented dynamic pricing using demand forecasting and admin analytics with MongoDB aggregation - Applied Redis caching on high-traffic catalog queries to maintain sub-second response times at production load	

TECHNICAL SKILLS

Languages : Python, Java, JavaScript, TypeScript, SQL (PostgreSQL, MySQL), HTML, CSS
Frontend : React, Next.js, Tailwind CSS, Bootstrap, Responsive UI/UX
Backend & APIs: Node.js, Express, Django, FastAPI, REST, GraphQL, Microservices
Databases : PostgreSQL, MongoDB, Redis, Prisma ORM, Vector Search
DevOps & Tools: Docker, Git, CI/CD, Postman, Nginx, MinIO, AWS, Azure, GCP
AI/ML : PyTorch, YOLO, LangChain, STIX/TAXII, MISP, Behavioral Analysis
CS Fundamentals: DSA, OOP, System Design, Design Patterns, Agile/Scrum

LEADERSHIP & ACHIEVEMENTS

1st Place — IIC-AICTE AI Expo 2026	2026
Won with SentinelAI, a zero-trust firewall achieving 98.7% threat detection accuracy with sub-500ms latency	
AIR 61 — ZS Campus Beats 2026	2026
Ranked top 100 among 2,500+ teams nationwide; built GenAI-powered HCP engagement optimizer	
President — CSI SRM Student Chapter	2026–2027
Led technical operations and directed 15+ developers building full-stack applications for NGOs and college-wide events	
President — Hackstasy 2.0 (National Hackathon)	2025–2027
Organized national hackathon with 3,000+ participants across 120+ colleges; secured Microsoft, YouTube, and PNB as sponsors	
Tech Lead — Rubaroo Cultural Fest	2025
Managed event portal serving 5,000+ attendees; led 20+ developers in agile delivery across design, backend, and deployment	
Open Source & Freelance : Published gitguru npm package achieving 400+ installs within 24 hours of launch; delivered 7+ freelance SaaS and e-commerce applications	