

# GANTALA SAI DHEERAJ

+919100944342 • gantala.saidheeraj@gmail.com • <https://www.linkedin.com/in/saidheerajgantala>  
• <https://saidheerajgantala.medium.com> • <https://saidheerajgantala.vercel.app/>

## SUMMARY

Core developer on the Operations Team at **Premium Parking – Xebia**, one of the top-rated parking apps in the US. Bring over **3 years** of experience in **cloud-native application development** and **infrastructure engineering**, with deep expertise in building **scalable backend systems** and **automated DevOps pipelines** using **AWS, Terraform**, and **CDK**. Proficient in **Ruby on Rails** and **Golang**, with a strong track record of driving **system migrations**, implementing **Infrastructure as Code (IaC)**, and optimizing performance across production systems. Led multiple **AI/ML-driven initiatives**—while ensuring **security, scalability**, and **cost-efficiency** in **multi-cloud environments**.

## SKILLS

Frontend: React.js, Redux, HTML5, CSS3, Bootstrap, JavaScript, TypeScript

Backend: Python (Flask, Django), Node.js, Ruby on Rails, Golang

DevOps: AWS, Docker, Kubernetes, Jenkins, GitHub Actions, Terraform, CloudFormation, AWS CDK

Databases: PostgreSQL, MongoDB, MySQL, DynamoDB

Tools & Methodologies: Agile, TDD, BDD, CI/CD, RESTful APIs, OAuth, Cognito, Figma, Prompt Engineering, GraphQL, Playwright

## PROFESSIONAL EXPERIENCE

### Premium Parking - Xebia

Hyderabad

#### Software Engineer | Devops Engineer

07/2023 - Present

- Integrated **AWS RDS** with **Azure MSSQL** using **AWS DMS**, streamlining **data flow** for **business intelligence dashboards** and reducing **cross-platform data latency** by **35%**.
- Automated **database backup and restore** processes using **Bash Scripting**, reducing **manual setup time** by **80%** and increasing **operational reliability**.
- Developed **CloudWatch Insights queries** to detect and block **fraudulent activity**, while implementing **parallel worker threads** to optimize **CPU** and **memory usage**—boosting **system performance** by **40%** and reducing **fraud response time**.
- Built scalable **Infrastructure as Code (IaC)** pipelines using **Terraform** and **AWS CDK**, reducing **infrastructure provisioning time** by **65%** and accelerating **feature deployments** across **development** and **staging environments**.
- Led **authentication modernization** by integrating **AWS Cognito** into **Ruby on Rails** apps, enabling **Single Sign-On (SSO)** via **Azure AD** using **OIDC protocol**—improving **user onboarding speed** and enhancing **system security compliance**.
- Designed custom **CloudWatch dashboards** and integrated **app-specific telemetry metrics**, reducing **mean time to detect (MTTD)** and **mean time to resolution (MTTR)** by **15%**, resulting in improved **system reliability**.
- Achieved a **35% reduction** in **AWS costs** by conducting a **comprehensive audit** of **underutilized services**, implementing **rightsizing strategies**, and automating **resource lifecycle policies** via **Lambda** and **CloudWatch Events**.
- Integrated **state-of-the-art LLM services** (e.g., **Agentic RAG pipelines**) into **engineering workflows** to generate **business** and **code insights**, driving **innovation** across **multi-cloud** and **full-stack environments**.

### Premium Parking - Xebia

Hyderabad

#### Associate Software Engineer | Full Stack Developer

07/2022 - 07/2023

- Refactored **monolithic architecture** by decoupling **core business logic** into **modular microservices** using **Hasura GraphQL** and **React.js**, improving **maintainability** and enabling **independent feature scaling**.
- Led **end-to-end migration** of **Ruby on Rails applications** and **PostgreSQL databases** from **Heroku** to **AWS**, leveraging over **15 AWS services**—including **CDK, CloudFormation**, and **Bash scripting**—to ensure **zero-downtime transitions** and **infrastructure reproducibility**.
- Optimized **application startup processes**, reducing **boot time** by **70%** through **dependency load restructuring** and **lazy initialization**—accelerating **deployment cycles** and enhancing **operational agility**.
- Resolved **90% of P1 incidents** within **4 hours** of escalation by applying **structured incident response protocols** and **root cause analysis**—minimizing **business impact** and ensuring **SLA adherence**.
- Architected **cross-account automated backup schedules** for **PostgreSQL databases** with **custom KMS encryption** and **versioning**, ensuring **disaster recovery compliance** and safeguarding **sensitive data**.
- Integrated **ELK stack (Elasticsearch, Logstash, Kibana)** for **real-time log analysis** and **anomaly detection**, reducing **critical incidents** by **70%** and cutting **incident response time** via **proactive alerting** and **trend monitoring**.
- Replaced **resource-heavy Sidekiq jobs** with **AWS Lambda functions** and rewrote **legacy tasks** in **Python** with **optimized DB queries**, reducing **memory usage** by **30%** and increasing **throughput under load**.
- Implemented **dynamic auto-scaling policies** and **AWS Compute Optimizer recommendations** to fine-tune **EC2 instances**, lowering **cloud operational costs** and boosting **resource efficiency** under **variable workloads**.

## PROFESSIONAL EXPERIENCE

---

Xebia

Location

Product Intern - Full Stack

Date period

- Developed a **cloud-native application prototyping** and **code generation platform**, leveraging **AWS services** to enable **scalable backend scaffolding** and **rapid MVP development**.
- Gained **hands-on experience** with **backend development** using **Golang** and **AWS cloud services**, enhancing **technical versatility** and accelerating **onboarding** across **full-stack projects**.
- Enhanced **CI/CD pipelines** using **GitHub Actions**, increasing **deployment efficiency** and enabling a **3× rise** in **feature rollout frequency** with reduced **manual overhead**.
- Optimized **application deployment** by integrating **Docker containerization** and **environment consistency checks**, improving **system reliability** and reducing **deployment time** by **30%**.
- Gained **practical experience** across **backend development**, **cloud infrastructure (AWS, GCP)**, **containerization (Docker)**, and **cross-platform languages (Golang, Ruby on Rails, Python)**, contributing to **full-stack project delivery**.

## KEY ACHIEVEMENTS

---

### GEM Award

Acknowledged for exceptional performance and dedication, contributing significantly to team success and project outcomes.

### Bug Bounty Hall of Fame

Commended for proactive security vulnerability disclosures, enhancing organizational security posture and risk management strategies.

### Cipher Combat 3.0 - VAT

- Achieved 17th place among top competitors, showcasing skills in vulnerability assessment, penetration testing, and cybersecurity problem-solving.

## CORE STARTUPS, COLLABORATIONS AND LINKS

---

Noxtag

<https://www.noxstack.com/>

10/2024 - Present

A location-based event discovery platform empowering users to find and engage with local events in real-time.

WeDAA

<https://www.wedaa.tech/>

01/2023 - 07/2024

Enterprise SaaS platform revolutionizing cloud infrastructure deployment through automated code generation and intelligent resource management.

JobHarvester

<https://jobharvester-spa.vercel.app/>

01/2025 - Present

AI-powered career assistant platform that helps job seekers optimize applications through intelligent resume tailoring and job matching.

## CERTIFICATIONS

---

AWS Certified DevOps Engineer - Professional — Amazon

Google Certified Professional Cloud Architect — Google

Ethical Hacker — Cisco

Infosys Certified Software Programmer — Infosys

Data Collection and Processing with Python — University of Michigan