K SRI DATTHA SHIVA KUMAR

Full-Stack Developer | Backend Developer | Node.js Developer
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PROFESSIONAL SUMMARY

Full-Stack Developer and Backend Developer building production Node.js, Express.js, and Next.js applications for Zaanvar. Designs REST APIs, MySQL and MongoDB models, Redis caching, and AWS Cognito authentication for a platform serving 5,000+ user accounts. Ships React.js features, Razorpay payment workflows, Socket.io updates, and CI/CD releases on AWS. Also builds Python and Django order and payment systems.

TECHNICAL SKILLS

Programming Languages	JavaScript (ES6+), SQL, Python, Java, PHP, HTML5, CSS3
Frontend	React.js, Next.js, Zustand, Material UI, responsive web design
Backend	Node.js, Express.js, Django, REST APIs, Socket.io, Swagger/OpenAPI
Databases	MySQL, MongoDB, Redis, Sequelize, Mongoose, schema design, query optimization
Cloud and DevOps	AWS Cognito, S3, CloudFront, SES, Docker, CI/CD, GitHub Actions, PM2, Linux
Security	JWT, role-based access control (RBAC), bcrypt, Helmet, rate limiting
Integrations	Razorpay, Firebase Cloud Messaging, OpenAI API, Nodemailer, Postman, Git, GitHub
Practices	API development, database design, authentication, debugging, deployment, Agile

PROFESSIONAL EXPERIENCE

Full-Stack Software Engineer Jan 2026 – Present
Mr Chams Pvt. Ltd., Hyderabad, India

- Develop Node.js and Express REST APIs for the Zaanvar customer app, vendor portal, support dashboard, and mobile clients.
- Model vendor stock, purchase orders, sales, wallets, suppliers, and branches in MySQL with Sequelize, and pet records in MongoDB with Mongoose.
- Tune MySQL queries and Redis caching, cutting query processing time by 35% and API latency by 120 ms on production routes.
- Secure 5,000+ user accounts with AWS Cognito, JSON Web Tokens (JWT), and role-based access for customers and support staff.
- Store pet media in Amazon S3 and purge cached files through the Bunny CDN API.
- Deploy Node.js services with Docker, PM2, and GitHub Actions, and publish Swagger docs for Postman testing.
- Build Next.js features for pet adoption, pet sales, lost and found, vendor billing, and support operations.
- Integrate Razorpay order creation for customer payments and Socket.io for live chat and location updates.
- Connect OpenAI content tools and Firebase Cloud Messaging for pet profiles and customer activity.
- Add Helmet headers, rate limiting, and bcrypt password hashing on authentication and public API routes.
- Serve adoption, sales, clinic, and grooming data to the Next.js site and companion mobile clients.
- Test pet, vendor, and support endpoints in Postman during Agile releases before staging and production.

Python Full Stack Intern Jan 2025 – Jun 2025
Parmy Technologies

- Built Python full-stack features and REST API tasks for assigned web application work.

Frontend Developer Intern Oct 2023 – Dec 2023
Careerpedia Pvt. Ltd., Hyderabad, India

- Developed responsive pages with HTML5, CSS3, and JavaScript and supported UI implementation.

PROJECTS

Zaanvar — Consumer Pet Platform
Production web and API platform for pet adoption, sales, lost and found, breeds, clinics, grooming, and events.
Technologies: Next.js, React.js, Node.js, Express.js, AWS S3, MongoDB, Mongoose
MySQL, Sequelize, Redis, Socket.io, and Razorpay

- Built REST APIs and customer pages for adoption, pet sales, lost and found, breeds, and service discovery for 5,000+ accounts.
- Developed pet profile, diary, search, and account models across MongoDB and MySQL, with Redis caching on frequent reads.
- Implemented Razorpay checkout, Cognito and JWT sessions, and Socket.io updates for messaging and live pet location.
- Added Amazon S3 media handling plus XML sitemaps, canonical URLs, and Schema.org structured data.

GitHub: https://github.com/mrchamsdev/zaanvar-ui
GitHub: https://github.com/mrchamsdev/zaanvar-backend
Live: https://zaanvar.com

Zaanvar Vendor Portal
Multi-tenant portal for clinics, pet shops, and grooming branches to run catalogs, inventory, billing, and bookings.
Technologies: Next.js, React.js, Material UI, Node.js, Express.js, MySQL, Sequelize, REST APIs

- Built screens for pet sales, products, stock, purchase orders, sales invoices, returns, and supplier records.
- Implemented billing for customer wallets, pay-later accounts, supplier ledgers, and GST calculations.
- Added revenue charts, PDF invoices, and QR scanning for point-of-sale inventory intake.

GitHub: https://github.com/mrchamsdev/zaanvar_vendor
Live: https://zaanvar-vendor.vercel.app

Zaanvar Support Dashboard
Operations console for content, vendor onboarding, QR codes, SEO, users, tickets, and activity logs.
Technologies: Next.js, React.js, Node.js, Express.js, MySQL, Sequelize, REST APIs

- Built admin screens for pet breeds, vaccinations, pet names, NGOs, media, SEO metadata, and Schema.org.
- Developed vendor registration, QR tracking, user administration, and support-ticket workflows on the API.
- Enforced role-based access so distributors, operations staff, and support agents see only permitted actions.

GitHub: https://github.com/mrchamsdev/zaanvar_support_ui

Yuva — Payments and Order Management
Python and Django application for payment processing, order placement, and transaction checks.
Technologies: Python, Django, MySQL, REST APIs, Postman, Git

- Built order APIs with balance checks, account validation, and duplicate-payment protection for 2,000+ users.
- Added payment-gateway webhooks with checksum verification, reducing transaction discrepancies by 25%.

E-Digital Class Work — Learning Platform
Academic portal for online classes, assignment submission, and grading.
Technologies: PHP, MySQL, HTML5, CSS3, JavaScript, Postman

- Built role-based access for classes, assignment uploads, and grading across 500+ students.
- Automated faculty reports and grade compilation, cutting manual coordination by 40%.

EDUCATION

M.Sc. Computer Science, Aurora's Degree & PG College 2023 – 2025
CGPA: 7.00 / 10.00

B.Sc. Computer Science, Sri Sai Degree & PG College 2020 – 2023
CGPA: 8.40 / 10.00

Diploma in Engineering, Brilliant Engineering College 2017 – 2020
Score: 74.80%

CERTIFICATIONS

- Cisco Advanced SQL Certification — indexing, multi-table joins, and query tuning
- Python Programming Certification — object-oriented programming, data structures, and automation
- Generative AI Mastermind Program (Outskill) — LLM API integration and prompt design