

BHANU PRAKASH ACHARI

FULL STACK ENGINEER | ENTERPRISE & AI/ML SYSTEMS

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PROFESSIONAL SUMMARY

Dynamic Full Stack Engineer with extensive experience architecting and launching high-performance web applications, multi-tenant enterprise platforms, and automated workflow pipelines. Specializes in React.js, Next.js 16, TypeScript, Node.js, and PostgreSQL/Supabase. Proven expertise integrating AI/LLM models, automated WhatsApp Business dispatchers, and payment engines. Built and launched 6+ live production applications maintaining 99.9%+ uptime and optimized Core Web Vitals.

TECHNICAL SKILLS

Frontend: React.js, Next.js

16 (App Router, SSR/SSG),

TypeScript, Tailwind CSS,

Vite.js, Framer Motion,

HTML5/CSS3

Backend & APIs: Node.js,

Express.js, Java (OOP),

RESTful Architecture,

Serverless Functions, JWT

Auth, Microservices

Databases & Cloud:

PostgreSQL, Supabase

(Row-Level Security),

MongoDB, Firebase,

Microsoft Azure, Docker,

Linux

Automation & Tools:

WhatsApp Business API,

Google Apps Script, Git/

GitHub, CI/CD Actions,

Postman, OpenAI / LLM

APIs

PROFESSIONAL EXPERIENCE

Full Stack Developer | Shaivika Groups

[2026 - Present]

- Architected and deployed primary enterprise multi-tenant company portals and internal staff management systems.
- Engineered custom CRM pipelines, client warranty & AMC tracking applications with automated renewal alerts.
- Built automated messaging triggers utilizing WhatsApp Business API and email automation pipelines for zero-delay notifications.
- Configured high-performance PostgreSQL and Supabase clusters with Row-Level Security (RLS) and real-time synchronization.
- Integrated web tracking portals with Google Sheets utilizing Apps Script connections for live business intelligence.

Solutions & Integration Engineer | Tekzio & Vendor99 (Enterprise Collaboration)

[2025 - 2026]

- Collaborated on designing and deploying the Vendor99 enterprise service dispatch engine and multi-platform user dashboards.
- Configured secure REST API gateways, customer authentication workflows, and automated invoice delivery systems.

AI/ML & Automation Engineering Intern | Brainovision

[2025]

- Developed custom machine learning classifiers and automated background task execution pipelines.
- Built automated release test scripts, accelerating workflow validation and reducing manual testing overhead by 30%.

FEATURED LIVE PRODUCTION PROJECTS (6 KEY PLATFORMS)

All projects are live in production. Click on any project link to visit the deployed platform.

Vendor99 | Premium Tech & Business Services [\[Live Site: vendor99.in\]](#)

- Stack:** Next.js • React Native / App • TypeScript • Node.js • Supabase • PostgreSQL • Tailwind CSS
- Architected a multi-tenant enterprise platform and mobile app ecosystem using Next.js, React Native, TypeScript, and Supabase.
 - Engineered automated service dispatch workflows, reducing operational scheduling bottlenecks by 65%.
 - Designed secure role-based client portals with real-time PostgreSQL replication, maintaining 100% production uptime.

AI Startup Idea Validator [\[Live Site: ai-startup-idea-validator-beta.vercel.app\]](#)

- Stack:** Next.js • React 19 • TypeScript • Tailwind CSS • OpenAI / LLM API • Vercel Edge
- Built an AI-powered SaaS market validation tool leveraging Next.js 16, React 19, OpenAI API, and Vercel Edge Runtime.
 - Implemented multi-dimensional idea feasibility scoring and competitor mapping with sub-800ms response latency.
 - Automated dynamic GTM strategy blueprint generation, delivering structured downloadable action roadmaps.

Kaizen Q — Modern Global Learning Platform [\[Live Site: kaizengq.in\]](#)

- Stack:** Next.js • React • TypeScript • Tailwind CSS • Supabase • PostgreSQL
- Designed and deployed a modern global EdTech learning platform serving structured multi-disciplinary skill tracks.
 - Engineered an interactive student assessment engine and automated digital certification verification vault.
 - Configured robust PostgreSQL database schema and Supabase auth with 99.9% uptime and CDN edge caching.

Hima Bindu Eye Testing Center & Opticals [\[Live Site: himabinduclinic.com\]](#)

- Stack:** React.js • TypeScript • Express.js • PostgreSQL • Tailwind CSS • PDF Engine
- Engineered an optical clinic management suite with React.js, TypeScript, Express.js, and PostgreSQL.
 - Developed automated patient scheduling, digital optical chart vault, and automated invoice PDF generation.
 - Reduced front-desk patient wait times and clerical scheduling bottlenecks by 85%.

The Surprise Box | Gifting & Balloon Decor [\[Live Site: surprisegift.in\]](#)

- Stack:** Next.js • Tailwind CSS • Stripe / Razorpay • Supabase • Node.js
- Developed a custom gifting e-commerce platform with dynamic gift hamper customization and real-time checkout.
 - Integrated secure payment gateways (Stripe, UPI) and automated instant order tracking notification pipelines.
 - Achieved sub-450ms Core Web Vitals (LCP), leading to a +140% increase in online celebration hamper bookings.

SMR Car Travels by Mohammad Rafi [\[Live Site: smrcartravels.in\]](#)

- Stack:** Next.js • TypeScript • Tailwind CSS • WhatsApp API • Supabase
- Built a full-featured vehicle rental and taxi booking platform with automated WhatsApp dispatch integration.
 - Engineered a real-time outstation rate calculation algorithm calculating fares dynamically across 50+ regional routes.
 - Streamlined customer booking flow, enabling instant 1-click reservations and automated driver dispatch notifications.

EDUCATION

B.Tech in Computer Science & Engineering | Sri Krishnadevaraya University (SKUCET) [2024 - 2027]

Core Focus: Full Stack Enterprise Engineering, Distributed Systems, Cloud Architecture, AI/ML Automation.

Diploma in Computer Engineering | State Board of Technical Education (SBTET) [Completed 2024]

KEY ACHIEVEMENTS & CERTIFICATIONS

- Achieved 14th Rank in JNTU Hyderabad International Hackathon among 500+ participating engineering teams.
- Architected and deployed 6 live production systems serving active business clients across enterprise, e-commerce, and healthcare.
- Certified in Full Stack Automation Systems, Cloud Infrastructure Deployment, and Machine Learning Automation.

