

Emperor JS.

Senior Full-Stack Engineer & AI Solutions Architect

"I don't just code. I solve problems with code."

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● Open to New Projects

PROFESSIONAL SUMMARY

Full-stack engineer specializing in AI agents, real-time dashboards, and production-grade web applications. I turn complex ideas into shipped products — from architecture and design through deployment and scaling. Proven track record delivering enterprise solutions that drive measurable business outcomes: 42% cost reductions, 68% less cart abandonment, and systems handling 50K+ daily interactions with zero downtime.

TECHNICAL SKILLS

Frontend: React Next.js TypeScript Tailwind CSS

Backend: Node.js Bun NestJS Express Rust

Databases: PostgreSQL Redis MongoDB MySQL

AI & Automation: OpenAI LangChain TensorFlow

DevOps & Cloud: Docker Kubernetes AWS

Mobile & Web3: React Native Flutter Ethereum

Languages: JavaScript TypeScript Rust Go

FEATURED PROJECTS

01 Cloud Infrastructure Dashboard

Real-time monitoring for enterprise cloud ops

PROBLEM: A SaaS company had zero visibility into multi-cloud infrastructure. Manual monitoring caused 6+ hours of undetected down...

SOLUTION: Built a real-time analytics dashboard with WebSocket-powered live metrics, automated alerting, and multi-cloud aggregati...

Next.js TypeScript WebSockets PostgreSQL Redis Docker AWS

42% Cost Reduction 99.9% Uptime <2s Alert Latency

02 AI Automation Platform

Intelligent agents that work while you sleep

PROBLEM: A marketing agency spent 30+ hours/week on repetitive data entry, report generation, and client communication.

SOLUTION: Engineered an AI agent platform with LangChain and custom workflows. Automated report generation, email drafting, data e...

Python LangChain OpenAI React FastAPI PostgreSQL Redis

30 hrs/week Saved 85% Automation Rate 3x Client Capacity

03 E-Commerce Platform

High-converting checkout for modern retail

PROBLEM: An online retailer lost 68% of customers at checkout due to a legacy payment flow and poor mobile experience.

SOLUTION: Rebuilt the storefront and checkout pipeline from scratch. Integrated Stripe, real-time inventory sync, and mobile-first...

Next.js TypeScript Stripe PostgreSQL Tailwind CSS Vercel

68% Less Abandonment 47% Higher Conversions 2.1s Page Load

04 Telegram Bot Ecosystem

50K+ daily interactions, zero downtime

PROBLEM: A growing community needed automated moderation, payment processing, and AI-powered support within Telegram at scale.

SOLUTION: Built a distributed bot architecture using grammY with Redis-backed sessions, queue-based payment processing, and GPT-po...

TypeScript grammY Redis PostgreSQL OpenAI Docker Bun

50K+ Daily Interactions 0 Downtime <200ms Response

SERVICES OFFERED

- AI Automation & Agents
- E-commerce Platforms
- Web3 & Blockchain
- Performance Optimization
- Dashboards & Analytics
- Bot Development
- Mobile App Development
- Business Solutions & CRMs
- Full Stack Development
- API Development (REST & GraphQL)
- DevOps & Cloud
- UI/UX Design

CLIENT TESTIMONIALS

<p><i>Reduced our operational costs by 42%. Their serverless expertise brought our platform to enterprise performance.</i></p> <p>Marcus Thompson VP of Engineering, TechFlow Solutions</p>	<p><i>68% reduction in cart abandonment and 47% higher conversion rates. Worth every penny.</i></p> <p>Sarah Chen CEO, ShopStream Inc</p>	<p><i>Handles over 50,000 daily interactions flawlessly. Their knowledge of bot APIs and server architecture is unparalleled.</i></p> <p>David Rodriguez Product Manager, MessagingPro</p>
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WORK PHILOSOPHY

<p>Ship Fast, Ship Right</p> <p>Speed matters, but so does quality. I build with tests, types, and CI/CD from day one.</p>	<p>Architecture First</p> <p>I design systems before writing code. Clean, scalable architecture saves months of refactoring.</p>
<p>Metrics-Driven</p> <p>Every feature has a success metric. If we can't measure it, we can't improve it.</p>	<p>Full Ownership</p> <p>From idea to deployment to monitoring — I take end-to-end ownership of every project.</p>

<p>4+ Years Experience</p>	<p>30+ Projects Delivered</p>	<p>50K+ Daily Active Interactions</p>	<p>99.9% Average Uptime</p>	<p>3x Average Client Capacity Gain</p>
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