

Shinjan Patra

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PROFILE

Hands-on CTO and engineer owning product, full-stack architecture, AI systems, and infrastructure. Experience with distributed communication, high-availability services, and low-latency APIs.

EXPERIENCE

Something (angel-backed) <i>Chief Technology Officer</i> - Own the product and engineering end to end: builder UX, frontend, backend, infrastructure, AI architecture, and technical direction. - Built a chat-driven AI application builder; designed a structured planner and coding-executor loop for iterative builds. - Built a real-time SIP voice-agent demo with Cartesia and designed CRM context, intent and knowledge-base tools, indexed retrieval, and post-call lead summaries.	<i>May 2026 – Present</i> Remote
Amboras (YC P26) <i>Founding Engineer Next.js, React, Node.js, TypeScript</i> - Built core product architecture and full-stack systems across frontend, backend, and infrastructure at an early-stage startup. - Shipped production features with focus on performance, scalability, and product iteration.	<i>Mar 2026 – May 2026</i> Remote
Highperformr.ai (Venture Highway & Neon-backed) <i>MTS I Next.js, React, Node.js, TypeScript, AWS</i> - Built and optimized full-stack features, improving workflow efficiency by 30%. - Developed APIs and backend infrastructure, reducing latency by 40% and supporting 10K+ monthly active users.	<i>Jul 2025 – Mar 2026</i> Remote
Indus (Rainmatter by Zerodha-backed) <i>SDE I Flutter, Django, Go, Java, Spring Boot, TensorFlow</i> - Engineered a platform serving 15,000+ NRIs investing in Indian stocks and mutual funds, with 99% uptime. - Streamlined API integrations and onboarding flows, reducing transaction processing time by 55%.	<i>Jan 2025 – Jun 2025</i> Remote
museLIVE Inc. <i>Backend Engineer Go, gRPC, Protobuf, PostgreSQL</i> - Built Go backend services using gRPC and Protobuf for a mental health wellness platform. - Designed low-latency microservice communication for distributed components.	<i>Jan 2025 – Feb 2025</i> San Francisco Bay Area / Remote
Ionio.ai <i>SDE I Flutter, SwiftUI, React, Node.js, Java, Spring Boot</i> - Engineered backend systems using Java, Spring Boot, Node.js, and Express.js, increasing performance by 40%. - Implemented REST APIs for Flutter, SwiftUI, and React apps with 10,000+ requests per day.	<i>Nov 2023 – Jan 2025</i> Remote
Swift Money <i>Product Engineer Intern Flutter, FastAPI, Python, Django</i> - Led Flutter feature development for a finance advisor app, increasing engagement by 40%. - Improved backend performance through FastAPI and Django integrations.	<i>Jun 2023 – Sep 2023</i> Remote

PROJECTS

RetailGPT — GenAI Shopping App <i>Flutter, CCAvenue, OTPLess, Java, Spring Boot, LLMs, MongoDB, Elasticsearch</i> - Designed a cross-platform shopping app with CCAvenue payments and OTPLess authentication, improving transaction success by 20%. - Built Spring Boot APIs and MongoDB/Elasticsearch retrieval for 50,000+ queries; enabled recommendations and voice interactions using LLMs.	<i>Feb 2023 – Present</i>
ScanProfit — Amazon SaaS Reseller App <i>Flutter, Firebase, Node.js, Express.js, Stripe, MongoDB</i> - Built a product scanning app with Flutter, Firebase, and Node.js/Express, speeding up searches by 30%. - Integrated Stripe and optimized MongoDB for secure, scalable transactions.	<i>Nov 2022 – Jan 2023</i>

TECHNICAL SKILLS

Languages: Java, Python, C/C++, HTML, CSS, JavaScript, TypeScript, Go, Rust, Solana
Frameworks: Flutter, React Native, SwiftUI, Node.js, React, Next.js, Astro, Three.js, Express.js, Angular, Spring Boot
Tools: Git, Docker, VS Code, Xcode, Linux, Prompt Engineering, LangChain
Libraries: TensorFlow, Scikit-learn, Pandas, NumPy
Backend/DB: Firebase, Supabase, Appwrite, MongoDB, PostgreSQL, gRPC, Protobuf, AWS

POSITIONS OF RESPONSIBILITY

Founder & Technical Lead , Dbug Labs, SRM	<i>Mar 2023 – Present</i>
Technical Lead , Microsoft Learn Student Ambassadors, SRM KTR	<i>Aug 2023 – Jun 2024</i>
App Development Lead , Swift Coding Club, SRM KTR	<i>Oct 2022 – Apr 2023</i>
Product Development Lead , GenY, SRM KTR	<i>Nov 2022 – Present</i>

HACKATHONS & COMPETITIONS

Web3Apps, MLH — Winner, Best Use of Kintone	<i>Apr 2024</i>
PROTOCOL 1.0, IEEE SRM SB — 1st Position	<i>Apr 2024</i>
Web3Apps 2.0, MLH — Winner, Best Use in Education	<i>Jun 2024</i>

EDUCATION

B.Tech, SRM Institute of Science and Technology, Kattankulathur CGPA: 9.36	<i>2022 – 2026</i>
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