Subodh Jena

Principal Engineer | Applied AI, Full-Stack & Cloud

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Principal engineer and AI architect working across applications, data, and cloud infrastructure. Build LLM applications, custom agent workflows, and voice interfaces around business processes and existing systems. Work with product teams and domain experts on scope, architecture, implementation, and delivery, grounded in experience with consumer products and real-time platforms.

TECHNICAL EXPERTISE

AI engineering: LLM applications, custom agent workflows, tool integration, RAG, voice AI

Software & systems: TypeScript, Python, Node.js, React, Next.js, React Native, APIs, real-time systems

Cloud & delivery: AWS, Google Cloud, Azure, Kubernetes, infrastructure, observability, technical leadership

PROFESSIONAL EXPERIENCE | CURRENT ENGAGEMENTS

Spoon | Jan 2024 - Present
Founding Engineer & CTO

Building a restaurant platform connecting financial, operational, and inventory workflows.

- Designing the financial, point-of-sale, and inventory data architecture, with APIs for SpoonIQ agents.
- Integrating Toast, Plaid, Finch, and supplier platforms; built the engineering practice with Kerbey Lane Cafe as a live development partner.

OneNeural | Jan 2024 - Present
Founder

Founded an applied-AI consulting and product development practice.

- Built RecruitIQ for candidate screening and AI-led voice interviews; developed an experimental live-call support co-pilot.
- Work across agent orchestration, retrieval, and application integration; advise teams on applied AI architecture.

Atoms | May 2023 - Present
Principal Engineer

Leading engineering across the mobile app, backend, and cloud for James Clear's official Atomic Habits app.

- Lead engineering for a consumer product that reached 600K+ organic installs in its first year and 120K+ monthly active users.
- Work across React Native, TypeScript, Node.js, and AWS, including AI-driven habit nudging.
- The app earned a Webby Award nomination and App of the Day features across several regions.

Ayrin Digital | Jan 2022 - Present
CTO

Lead technology strategy, architecture, and engineering practices for an AI integration and system modernization consultancy.

- Built a team of senior engineers and delivery frameworks across AI integration, system modernization, and full-stack products.

PREVIOUS EXPERIENCE

Symbl.ai | Jun 2022 - May 2024
Technical Architect

Worked on the architecture of a real-time conversation intelligence platform, including data processing, service boundaries, and reliability.

- Architected real-time processing across millions of interactions; designed a data pipeline that reduced processing latency by 60%.
- Established microservices patterns for independent team deployment and improved platform reliability to 99.95% uptime.

Mutual Mobile | Aug 2017 - May 2022
Lead Engineer to Architect

Progressed from Lead Engineer to Architect, building mobile, web, and cloud products for startups and enterprises.

- Led development and architecture for 30+ product projects across mobile, web, and cloud; designed reusable delivery frameworks.
- Mentored 15+ engineers and designed scalable systems across healthcare, logistics, weather, and consumer products.

HARMAN International | Dec 2015 - Jul 2017
Technical Lead

Drove iOS and Android development, cross-platform initiatives, and cloud-based IoT solutions for connected consumer products.

Philips | Aug 2014 - Dec 2015
Senior Software Developer

Built mobile products for Philips Healthcare, focusing on wearable technologies and IoT infrastructure research.

EPAM (formerly Alliance Global Services) | Mar 2012 - Jul 2014
Associate Consultant

Delivered mobile and web applications across iOS, Android, and cross-platform technologies while building expertise in Microsoft enterprise technologies.

EDUCATION

PG-DAC (Post Graduate Diploma in Advanced Computing)
C-DAC | 2011 - 2012

Computer Science (Hons.)
Sambalpur University | 2008 - 2011

CERTIFICATIONS

AWS Solutions Architect Professional

AWS Solutions Architect Associate

Google Cloud Developer

Google Cloud Architect