

## Addjoy Barreto

Senior Software Engineer - Fintech | EdTech | Media | Ecommerce

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## PROFILE

Versatile and impact-driven engineer with 5+ years of experience building secure, scalable platforms across fintech, edtech, and media domains. Proven track record of delivering real-time systems, payment integrations, and learning platforms that serve millions globally. Adept at full-stack development, cloud infrastructure, and driving features from concept to production.

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## TECHNICAL SKILLS [\(all skills mentioned on my site\)](#)

- **Languages & Frameworks:** JavaScript (React, Next.js, NestJS, Angular), Python (Django), Nodejs, tamagui, zustand, redux, Node.js, Express, HTML, CSS, ANTD, MUI, Bootstrap, Tailwind and more.
  - **Databases:** PostgreSQL, MySQL, MSSQL, Redis, MongoDB
  - **Cloud & DevOps:** AWS, GCP, Azure, DigitalOcean, CI/CD, EC2, APP Engine, Heroku, Netlify, Apache, Ngnix, Docker, VPS, Firebase
  - **Tools & Protocols:** Socket.IO, JWT, ANPR Tools, Google APIs, Apple Pay, Stripe, 2checkout, Crypto Wallets, RESTful APIs, Payment gateways, 3rd party API integration.
  - **Automation & IoT:** IoT integrations, real-time automation protocols, workflow orchestration
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## PROFESSIONAL EXPERIENCE [link](#)

### Voizzit (Dubai/UAE)

Full Stack Software Engineer

2024 – Present

- **Architected and led** the end-to-end development of a global streaming platform, scaling to support **3M+ users** across web and mobile using **Next.js, NestJS, Redis**, and **PostgreSQL**, with **99.98% uptime** and sub-200ms response times globally.
- **Owned and delivered** mission-critical features across web and mobile (Expo), directly contributing to a **40%+ increase in user engagement** and platform differentiation in a competitive market.
- **Engineered and deployed** scalable infrastructure on **AWS** and **DigitalOcean**, enabling real-time experiences via **Socket.IO** and delivering seamless performance across devices with **Tamagui-powered Expo apps**, reducing mobile load times by **~60%**.
- **Delivered 5+ high-impact features** across **multiple edtech platforms**, boosting learner engagement and retention by **~35%**, and expanding accessibility through responsive design and multilingual support.  
**Technologies:** NestJS, NextJS, Socket.IO, Redis, PostgreSQL, AWS, DigitalOcean, Expo, Tamagui, etc.

### Innobayt Innovation Solutions (Dubai/UAE)

Full Stack Software Engineer

2022 – 2024

- **Automated industry-specific workflows**, integrating hardware with centralized admin panels, leading to a **60% reduction in manual operations** and **50% faster turnaround times**.
- **Built and launched a high-traffic e-commerce platform** for a single vendor, integrating **Stripe, Google Pay**, and **crypto payments**, and scaling to **50K+ users** and **10K+ successful transactions** within the first 6 months.
- **Optimized compute-heavy data pipelines**, developing a data-driven profiling app that reduced processing time by **40%** and improved accuracy for scientific computations.
- **Implemented real-time automation protocols** (health checks, self-healing processes) that decreased downtime events by **~70%** in enterprise environments.  
**Technologies:** React, Next.js, Angular, Python, Django, Node.js, PostgreSQL, MySQL, Stripe, Crypto Wallets, JWT and more.

### **Intuio Software Labs Pvt. Ltd. (India)**

*Full Stack Software Developer*

2020 – 2021

- **Designed and developed** a quoting system for the automotive industry, enabling **instant vehicle price estimates** with 90%+ accuracy, and cutting inquiry response time by **80%**.
- Shipped a **vacation rental platform** with smart B2C API integrations
- **Created a smart job portal** featuring **AI-powered profile matching**, shortening recruitment cycles by **30%** and improving candidate fit scores by **25%**.

**Technologies:** React, React Native, Node.js, Express, MongoDB, MySQL, Stripe, Google APIs, Socket.IO.

### **DIGISOL Systems Ltd. (India)**

*Intern*

Jan 2019 – Feb 2019

- **Revamped a .NET-based Visitor Management System** automating check-ins and appointment scheduling, improving security logging, and saving **25+ man-hours/week**.

### **Chowgule Brothers Pvt. Ltd. (India)**

*Intern*

June 2018 – July 2018

- **Digitized 30K+ paper records** into a centralized database with intelligent tagging, increasing data retrieval speed by **10x** and reducing administrative load.

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## **EDUCATION**

### **Bachelor of Engineering in Computer Science**

Padre Conceicao College of Engineering, Goa (2016 – 2020)

- **Specialization:** Full-stack development, software engineering, and problem-solving methodologies.

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## **ACHIEVEMENTS & AWARDS**

- **Exceptional Performance Award** (Dec 2022) at Innobayt Innovation Solutions for outstanding technical contributions.
- **Pioneered large-scale automation**, enhancing industry processes and efficiency.
- Orchestrated a high-impact **e-commerce platform** with integrated crypto payments, Stripe, and Google Pay.