# Jaypal Sagar

## Software Engineer | Full-Stack Development | AI-Assisted Engineering

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jaypalsagar.com | LinkedIn: jaypalsagar | GitHub: jaypalsagardiaries

### PROFILE

Software Engineer with 12 years of experience, focused on JavaScript, Node.js, React, and Next.js. Uses AI-assisted development across the software lifecycle, guided by AIDLC, with human review and ownership of engineering decisions.

### TECHNICAL SKILLS

**Web & APIs:** JavaScript, Node.js, React, Next.js, REST APIs
**Cloud & delivery:** AWS, Docker, Git, Jira
**Engineering:** Object-oriented programming, SOLID principles, MVC architecture
**AI development tools:** Kiro, Amazon Q, Claude, ChatGPT, Codex
**Actively learning:** Generative AI, agentic AI, RAG, MCP, technical leadership

### EXPERIENCE

**Senior Software Engineer | Religare Broking Limited**
Apr 2024 - Present | Noida, India

**Senior Software Engineer | Mphasis**
Dec 2019 - Apr 2024 | Mumbai, India

**Senior Software Engineer | Amity University Noida**
Jul 2016 - Dec 2019 | Noida, India

**Software Engineer | Arkss Technologies Pvt Ltd**
Jul 2015 - Apr 2016 | Noida, India

**PHP Web Developer | HatchConcepts**
Jun 2014 - Jun 2015 | Greater Delhi Area, India

### SELECTED PERSONAL PROJECTS

**JayPalGPT:** Document Q&A with retrieval, source snippets, FastAPI, ChromaDB, and Gemini.
**Social Media Manager:** Multi-platform publishing and scheduling.
**Content Creator:** AI-assisted generation of short-form video scripts and captions.
**Universal OCR:** Document text extraction with adaptive preprocessing.

Projects are in progress. Architecture and implementation details: jaypalsagar.com/work.

### EDUCATION

**Master of Computer Applications (MCA)** | BTKIT Dwarahat | 2011 - 2014
**Bachelor of Computer Applications (BCA)** | Bareilly College | 2007 - 2009