

S Kalkii Prasad

Senior Full-Stack Engineer

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SKILLS

FRONTEND React / Next.js · TypeScript · Three.js / WebGL · React Native · Ionic / Capacitor

BACKEND Node.js · NestJS / Express · Python (Django) · Distributed systems

INFRA DevOps · CI/CD · AWS · Performance optimisation

PRACTICE System architecture · Technical leadership · AI integration

EDUCATION

B.Tech, Mechanical & Automation Engineering

Amity University, Noida

2010 - 2014

PROFILE

Senior full-stack engineer based in Bengaluru. Ten years across fintech, SaaS, creative tools, and e-commerce — frontend, backend, infra, and the glue in between. Two of those years inside Adobe Photoshop's plugin surface; six months as a founding engineer on a greenfield FP&A platform. Comfortable shipping in TypeScript, Python, and whatever the team is on. I reach for the simplest data structure that works and learn the rest on the job.

EXPERIENCE

Apr 2025 - Present

Independent — open-source & side projects · *Self-directed*

Shipping three open-source projects covering robotics (browser-based MuJoCo humanoid), ML interpretability (3D ONNX inspector), and generative AI (AI comic maker). Deep-diving on agentic systems and on-device inference.

Nov 2024 - Mar 2025

Founding Engineer · *Oculon.ai*

Rebuilt the entire FP&A frontend from scratch. Next.js, AG Grid Enterprise (SSRM) for million-row datasets, CodeMirror formula engine, Recharts, Editor.js. Owned architecture, CI/CD, and hiring loop from day one.

Apr 2024 - Oct 2024

Independent — research & consulting · *Self-directed*

Advisory work on frontend architecture and developer-tools UX for two seed-stage teams.

Nov 2023 - Mar 2024

Freelance — Portfolio & Ecommerce · *Independent*

Client portfolio and e-commerce builds with headless CMS and third-party integrations: Salesforce, booking, payment, auth, form automation.

Sep 2022 - Oct 2023

Independent — sabbatical & contracts · *Self-directed*

Family sabbatical interspersed with short contracts and ramp-up on React Server Components, NestJS, and the agentic-AI ecosystem.

May 2022 - Aug 2022

Freelance — Pixis (CoCreate) · *Pixis*

Full-stack features for CoCreate — Pixis's AI-powered creative SaaS. React, Node.js microservices, Django.

Feb 2022 - May 2022

Senior Software Engineer · *Clipboard Health*

Custom Capacitor plugins on the React/Ionic mobile shell. Migrated the Node.js monolith to NestJS microservices with full feature parity, no production downtime.

Jun 2020 - Dec 2021

Senior Software Engineer · *Pixis*

Architected and shipped two production Adobe CC plugins on Adobe Exchange

(Brand Asset Manager, Ad Creative Resizer). Led the cross-functional team that launched the CoCreate web app from inception — DAM, in-browser image editor, animated ad creatives with bezier-curve timelines. Earlier in the tenure, delivered a multi-brand DAM web app integrated with Pixis's performance marketing platform.

May 2019 - Jun 2020

Contract Software Engineer · *Homelane*

Migrated a legacy PHP order & finance frontend to modular React / Redux without revenue downtime. Built a 3D-to-PDF floor-plan POC on Three.js.

Mar 2015 - Jun 2015

Associate Software Engineer — Trainee · *Tata Consultancy Services*

Achieved 5/5 rating and Star of the Batch Award — top performer in Java engineering cohort.