Arun Mukati

Senior Full Stack Engineer (SDE 2)

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SUMMARY

Senior Full Stack Engineer with 4+ years of professional experience building scalable, production-grade systems across iGaming, SaaS, and enterprise domains. Core expertise in Node.js, TypeScript, PostgreSQL, and Angular, with working experience in NestJS. Full-stack capability across Vue.js, Next.js, and Ionic. Track record of end-to-end ownership on platforms serving 1M+ concurrent users and 20M+ daily transactions — delivering ~40% API latency reduction, ~35% CDN improvement, and zero-downtime deployments across 3+ years of live production.

EXPERIENCE

Solvebyte

Indore

Software Development Engineer II July 2025 - Present

- Maintaining and supporting the backend of a live real-money iGaming platform serving **1M+ active users** — handling production incidents, resolving crashes, and ensuring 99.9% uptime across wallet operations, betting flows, and game APIs.
- Built secure REST APIs and WebSocket real-time features handling 10K+ concurrent connections with sub-50ms latency, implemented Nginx-based load balancing across multiple Node.js instances, reducing critical error rate by ~25%.
- Led development on a high-traffic gaming platform handling **20M+ daily transactions** with peak loads reaching **2,000+ users/min**.
- Cut critical database query execution times from **60 seconds down to 2–3 seconds** via **structural table partitioning**, tactical indexing, and SQL rewrite strategies in PostgreSQL.

GammaStack

Indore

Solution Engineer - Full-Stack (Node.js & Angular) March 2022 - June 2025

- Maintaining and improving Node.js + TypeScript backend services for a production SaaS platform across PostgreSQL, resolved critical production bugs and reduced average API response time by **~30%** through service-layer optimisation and query tuning.
- Engineered scalable systems using Node.js, RabbitMQ, and Redis distributing real-time sportsbook odds via WebSocket streaming to 50K+ concurrent players at sub-100ms latency, supported AWS infrastructure (EC2, ALB, Auto Scaling) to handle 10× traffic spikes with zero downtime.
- Integrated PayPal, CCPayment, and NowPayment, RazorPay gateways with webhook handling and multi-currency reconciliation, onboarded 5+ casino provider SDKs with custom adaptor layers.
- Contributed to Cloudflare + AWS CDN configuration and deployment — part of a team effort that achieved **~35% reduction in page load times**, actively monitored infrastructure using CloudWatch and managed deployments via Bastion Host.

Internships

RapidKen.ai

Bengaluru · Remote

Software Engineer Intern November 2020 - May 2021

- Built Angular (v13-v14) UI modules with REST API and WebSocket integration for analytics dashboards, applied Angular Material and client-side sanitization across 5+ product areas.

HackerKernel

Bhopal, Madhya Pradesh, India

Frontend Developer Intern September 2019 - September 2020

- Built modular web and mobile apps using Vue.js, Angular, and Ionic, developed cross-platform desktop apps with Electron.js, shipped production builds via CI/CD in Agile environments.

SKILLS

Backend

Node.js, Express.js, WebSockets, NestJS, TypeScript, REST APIs, RabbitMQ, Microservices, Event-Driven Architecture, Cron Jobs

Databases & Caching

PostgreSQL, Redis, MySQL, Sequelize ORM, Query Optimisation

Payments & Integrations

PayPal, RazorPay, CCPayment, NowPayment, Sportsbook Feed APIs, Casino Provider SDKs, JWT / OAuth2, Webhook Design & Security

DevOps & Cloud

AWS (EC2, S3, CloudWatch, Bastion Host, ALB, Auto Scaling), Nginx, Cloudflare (CDN), Docker, CI/CD, GitHub Actions, GitLab CI

Frontend

Angular (v12-v17), TypeScript, HTML5, SCSS, Bootstrap, Angular Material, Vue.js, Next.js, Ionic, Electron.js

Tools

Git (GitHub, GitLab), Postman, VS Code, Swagger / OpenAPI

PROJECTS

ProGambling.bet — Mexico & Chile Casino & Sportsbook Platform

- Built regional (Mexico & Chile) online casino and sportsbook offering **3,000+ games** across slots, live casino, poker, baccarat, and roulette, plus multi-sport betting (football, basketball, tennis, American football, motorsports, baseball, e-football, MMA).
- Implemented Google OAuth login/registration flow and integrated multiple payment methods for regional deposit/withdrawal support.

Betski — Crypto Casino & Sportsbook Platform

- Built full-featured iGaming platform with live sportsbook, multi-cryptocurrency wallets, automated settlement engines, and real-time odds streaming.
- Sustained **100K+ concurrent sessions** at peak with zero settlement errors via Redis caching and RabbitMQ task queuing across a horizontally scaled Node.js fleet.

City99 — Casino Betting Platform

- Built custom casino with proprietary game engine, sportsbook integration, affiliate management, and real-time leaderboards for **100K+ users**.
- Cloudflare CDN cut average load by 35%, Nginx load balancing + AWS EC2 auto-scaling handled 5× traffic spikes without downtime.

Blue Divine — Sports Draft Fantasy Game

- Built fantasy sports platform with salary-cap team building, automated scoring engine, and live leaderboards delivering sub-200ms refresh for **10K+ simultaneous** contest participants.

EMS — Enterprise Employee Management System

- Built HR platform for 500+ employees covering attendance, leave, payroll, and analytics with RBAC.
- Bulk CSV/XLS pipelines saved 10+ hours/week, cron-based payroll automation eliminated manual calculation errors.

EDUCATION

Bachelor of Technology — Computer Science Engineering 2017 - 2021

People's University, Bhopal

Full Stack Development — Certification 2020

Sheryians Coding School

LANGUAGES

English

Hindi