

Sunny Kumar

Sr. Software Engineer @ Ethereal Covenant

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Dynamic and accomplished Software Engineer with over 8+ years of experience in the development and implementation of scalable backend systems. Highly adept at managing high concurrency loads while optimizing performance for low latency. Proficient in utilizing Node.js, Express.js, and both relational and non-relational databases in cloud environments, ensuring reliable and efficient backend solutions.

SKILLS

Languages & Runtime

JavaScript · Node.js · Express.js · PHP · Laravel · REST APIs

Data & Persistence

Database Design · Relational Databases · NoSQL Stores · Query Optimization · Read Replicas · Indexing & Caching · Elasticsearch

Ai & Integrations

OpenAI · Claude · Gemini · LLM Integration · OAuth2 / Passport · CRM Tooling · CCTV Vendor APIs

Architecture & Design

System Design · Backend Architecture · API Design · Scalability

Infra & Devops

CI/CD Pipelines · ELK Stack · Cloud Environments · Monitoring & Logging · Performance Tuning · System Resilience

Ways Of Working

Agile / Scrum · Code Review · Team Mentoring · System Architecture · Automated Testing

EXPERIENCE

Senior Software Engineer @ Ethereal Covenant

May 2023 — Present

Bengaluru, India · 3 yrs 4 mos

- Managed and mentored a cross-functional team, establishing coding guidelines, code review processes, and automated test requirements to ensure code quality and foster professional growth.
- Drove agile delivery with CI/CD methodologies, resulting in a 25% increase in deployment frequency.
- Partnered with the CTO to conceptualize and implement comprehensive end-to-end solutions, emphasizing server-side development and seamless API integration.
- Built and maintained multiple CCTV vendor integrations powering a unified surveillance platform handling multi-million daily event volumes — AJAX (SIA protocol) connectors onboarding 500+ cameras and NxWitness integrations across 60+ sites.
- Led the development and delivery of a plug-and-play CCTV security product using Node.js, owning end-to-end architecture, a motion detection plugin, and dashboards on low-cost hardware.
- Integrated AI-powered features with LLM APIs including OpenAI, Claude, and Gemini, enabling intelligent automation, analytics augmentation, and user-facing AI capabilities.

Node.js JavaScript CCTV Integrations LLM APIs CI/CD

Backend Engineer @ Aspire

Sep 2021 — May 2023

Singapore · 1 yr 9 mos

- Configured and managed ELK (Elasticsearch, Logstash, Kibana) clusters to enhance logging and search performance, improving application efficiency and troubleshooting effectiveness.
- Designed read/write database separation in Laravel using dedicated read replicas to offload reporting workloads — improving API response times by 30%+ under peak fintech traffic.
- Integrated advanced CRM tools and chat functionality to streamline sales operations and support, resulting in a 20% increase in engagement and satisfaction.
- Automated customer-interaction workflows and analytics dashboards, reducing manual follow-ups and improving pipeline visibility across enterprise customers.
- Implemented OAuth2 authentication with Passport, securing third-party API access while maintaining data integrity and compliance.

Laravel PHP ELK Stack OAuth2 CRM

Senior Backend Developer · Backend Developer @ MyHealthcare Technologies

Apr 2019 — Aug 2021

Bengaluru, India · 2 yrs 5 mos

- › Designed and delivered 10+ business intelligence and reporting modules with interactive dashboards, letting leadership track revenue, acquisition, and operational KPIs — improving decision velocity by 15%.
- › Engineered a high-impact coupon code and promotions platform for FORTIS Hospitals, powering targeted campaigns across large hospital networks and thousands of users.
- › Built configurable rule engines and eligibility frameworks so marketing teams could launch offers without engineering involvement, shortening rollout cycles by 40%.
- › Optimized high-traffic Laravel applications by refactoring complex Eloquent queries and introducing indexing, caching layers, and query profiling — cutting page-load times by 35–50%.
- › Led database-performance initiatives including schema redesign, query-execution analysis, and background-job optimization for better production stability.

Laravel

Eloquent ORM

BI Dashboards

Caching

Rule Engines

Software Developer @ Unocoin Cryptoassets & Blockchain

Sep 2018 — Apr 2019

Bengaluru, India · 8 mos

- › Reviewed and optimized API architecture, demonstrating flexibility and problem-solving across the stack.
- › Automated the user KYC flow, reducing company costs and improving efficiency through backend automation.
- › Optimized SQL queries, achieving a 20% improvement in API load time.
- › Contributed to an Agile team, adapting quickly across short release cycles.

REST APIs

SQL

KYC Automation

Agile

EDUCATION

Jharkhand Rai University

Master of Computer Applications (MCA) · Computer Science
2015 — 2017

Usha Martin Academy, Ranchi

Bachelor of Computer Applications (BCA) · Computer Science
2011 — 2014

Barhi Inter College, Barhi

Intermediate · Science
2009 — 2011

LANGUAGES

English — Professional Working

Hindi — Native or Bilingual