

# PRANAV SONI

Backend Engineer | PHP | Python | Node.js

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## Summary & Work Experience (3+ Years)

Backend engineer with 3+ years of experience owning production systems and debugged production in Node.js, Python and PHP building API-driven SaaS platforms with PostgreSQL, async workers, and role-based access control.

### Sr. Web Developer, Techmeraki

July 2023 - Present

- **Job Portal (Referral Based):** Delivered a referral-based recruiting portal by implementing OTP authentication, duplicate/eligibility checks, a referral→applied→under process→selected/rejected workflow, resume ingestion, payout tracking, admin dashboards with filters/CSV export, and automated notifications to streamline hiring and auditing.
- **AI Admission Counselor (OpenAI):** Data-driven admissions & assessment platform with dynamic interest questionnaire and auto personalized Markdown-to-PDF stream reports; combines academic inputs + interest ratings.
- **MSME Finance Management (SaaS):** Built a subscription-based finance suite (invoicing, quotations, P&L) with web app and mobile REST APIs to enable recurring billing and consolidated financial reporting for small businesses.
- **QR-based Event Attendance Management (For a political party):** Scaled bulk QR/ID generation and attendee flows by separating QR generation into a FastAPI microservice and offloading tasks to Celery, reducing card-generation time by 90% and enabling high-volume event operations (CSV uploads, OTP self-registration, QR scanner).

### Jr. Web Developer, Techmeraki

July 2022 - June 2023

- **Travel and Distance Logging Platform (for a political party):** Implemented dynamic interlinked filters, module-wise member permissions, and a request-approval workflow; built an itinerary module with detailed scheduling, PDF export/merge, and variable time slots.
- **CMS (Dynamic Layouts):** Delivered complete CRUD for travel locations with multi-format image uploads and advanced category management; added a dynamic screen builder (configurable content blocks, display types, ordering) and a custom query builder for secure MySQL operations using prepared statements and data validation.

### Intern, Techmeraki

April 2022 - June 2022

- Developed a party member management portal with call assignment and review workflows, and integrated server-side validation into a custom MVC framework to ensure secure and reliable data handling.

## Achievements

### Employee of the Year (2023)

Recognized for completing a large number of projects with consistent quality and on-time delivery.

### Extra-Mile Achiever (2024)

Awarded for delivering solutions beyond core expertise and taking ownership of cross-functional tasks.

## Skills

- **Backend:** Node.js, FastAPI, Express.js, Laravel
- **Frontend:** React, Zustand, Next.js, Tailwind, CSS, Bootstrap, SCSS
- **Languages:** Python, JavaScript, PHP, SQL
- **APIs & Auth:** RESTful APIs, JWT, RBAC, Laravel Sanctum, OAuth, Auth.js
- **Databases:** MySQL, MongoDB, PostgreSQL (schema design, normalization)
- **DevOps / Cloud / Tools:** AWS Lightsail & EC2, DigitalOcean, Nginx, Apache, Docker, Git, CI/CD, Redis

## Education

BCA (2021) | University College of Science, MLSU, Udaipur

## Projects

### AI Resume Optimizer (Personal Tool) | [Github Link](#)

**Tech Stack:** Python, FastAPI, Google Docs API, Google Drive API, Gemini / OpenAI, OAuth 2.0, Uvicorn

- Built a full-stack AI tool that ingests a Google Doc resume and a job description, rewrites targeted bullet points via LLM, and saves the result as a new Google Doc — preserving all original formatting.
- Engineered a format-preserving edit pipeline using the Google Docs batchUpdate API, surgically replacing only changed paragraphs at their original character indices to avoid layout corruption.
- Designed a provider-agnostic LLM layer supporting Gemini and OpenAI with zero code changes — switched entirely through environment variables, enabling rapid model comparison.
- Implemented ATS-focused prompt engineering using the XYZ impact formula, instructing the model to rewrite experience bullets while strictly preserving headings, contact info, and skill lists.

### ACPL Raj Construction Management Platform - ERP (Freelance)

**Tech Stack:** Next.js 15, React 19, Laravel 11, MySQL, TailwindCSS/DaisyUI, AWS Lightsail

- Full-stack construction ERP with Laravel Sanctum auth and REST APIs. Handling about 100+ task logs from multiple workers and sites daily.
- Unified dashboard for budgets, timelines, inventory & workforce; RBAC, audit trails, and automated low-stock alerts across 10+ interconnected tables.
- Deployed on AWS Lightsail (Apache reverse proxy + SSL), centralizing ops and streamlining resource allocation & reporting.

### Smart Dairy - Logistics & Delivery Management System (Freelance)

**Tech Stack:** Node.js, Express, PostgreSQL, JWT, Multer

- Logistics platform with route planning, inventory & real-time drive execution.
- Owned backend development of a logistics platform, designing 60+ REST APIs using Node.js and PostgreSQL, handling authentication, role-based access, and high-frequency transactional workflows (1200+ weekly transactions).
- Implemented and debugged real-time GPS tracking and QR-based verification flows, resolving production issues related to data consistency and request latency.
- Recording and executing 1200+ transactions every week.

### Catalog Ecommerce Platform (Freelance)

**Tech Stack:** Next.js 16, Typescript, Prisma ORM, PostgreSQL, Redis, NextAuth.js, ZOD

- Built a full-stack inventory and order management system with real-time stock validation and multi-payment support.
- Engineered atomic transactions for sales and stock updates, preventing overselling in high-concurrency workflows.
- Developed a customer credit ledger with reconciliation, reducing manual accounting by ~80%.
- Integrated Razorpay with webhook-based payment processing and async job handling using BullMQ/Redis.

### Ad Player & Panel (Freelance)

**Tech Stack:** Nunjucks, Node.js, Express, MongoDB, JWT, Multer, Git

- A Dashboard for managing and creating scripts with a video player with Google Ads increases ad fill rate by multiple folds using an iterative approach.
- Implemented RBAC and complete management features.