SUBASH BHATTA

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TECHNICAL SKILLS

Languages: C++, Python, C, JavaScript/TypeScript, SQL
Frameworks & Libraries: Next.js, React, React Native, NestJS
Tools & Databases: PostgreSQL, Prisma ORM, Redis, Docker, AWS S3, Git/GitHub, Turborepo/pnpm
Other: JWT/OAuth Authentication, REST API Design

EXPERIENCE / CLIENT WORK

Full-Stack Development, Fundnest | *Next.js, NestJS, React Native/Expo* Aug '26

- Architected and deployed a full-stack investment platform (Next.js, NestJS, React Native/Expo) serving 180+ active users, from initial build to production launch within one month.
- Implemented a multi-tier auth flow using JWT, bcrypt, and TOTP 2FA, enforcing Redis-backed rate limiting to mitigate brute-force attacks and eliminating unauthorized authentication attempts entirely.
- Directed end-to-end architecture and full-stack development, delivering a production-ready web and mobile platform 100% on schedule within a 4-week deadline.

AI Video Producer, SaaS Product Demo Videos Aug '26

- Delivered end-to-end demo videos for 3 SaaS clients, managing the full production pipeline from client consultation to final delivery.
- Leveraged generative AI workflows (Claude, Gemini) and post-production suites to cut video production turnaround by 60%, delivering 3 client-ready product demos in under 72 hours each.
- Coordinated feedback loops directly with clients across revision cycles, aligning final cuts with brand voice and campaign goals without extending the delivery window.

PROJECTS

Huntly | *JavaScript, HTML, CSS, TypeScript* *Jun '26*

- Engineered a semantic search tool using natural language processing to match brand target audiences with relevant Reddit communities and surface high-intent leads.
- Built a semantic-matching subreddit discovery pipeline that analyzes a target website and identifies 5-6 best-fit communities, returning 25-30 relevant, recent posts per scan.
- Generated contextual reply and DM drafts for each matched post, with manual send-through built in to preserve account standing and avoid bot-detection flags.

Zentro | *JavaScript, HTML, CSS, TypeScript* *Apr '26*

- Built a platform that converts a raw idea into a structured 14-day execution plan, defining build order, scope cuts, and a target ship date.
- Constructed a progress-tracking dashboard giving users real-time visibility into their roadmap and MVP milestones.
- Automated scope-cut recommendations and milestone reminders through rule-based logic, keeping users on pace to hit their 14-day ship date.

Velo | *JavaScript, HTML, CSS, TypeScript* *Mar '26*

- Developed an offline-capable PWA combining task management, a Pomodoro-style focus timer, notes, and study-tip content into a single unified workflow.
- Structured session tracking (25-minute focus / 5-minute break cycles) to reduce context-switching across multiple productivity apps.
- Implemented service-worker-based local storage, letting users capture tasks and notes uninterrupted even when connectivity drops.

Smart Home Environment Management System | *ESP32, MQ2, LDR, Relay* *Nov '25*

- Prototyped an autonomous ESP32-based environmental monitoring system integrating gas, light, temperature, and humidity sensors with relay-driven hardware controls.
- Programmed lighting and AC control based on real-time sensor readings and implemented a gas-leak detection pipeline that triggers an audible alarm and instant email alert.

- Configured low-power telemetry reporting and calibrated multi-sensor threshold logic to eliminate false positives.

TEACHING / LEADERSHIP

Python Instructor | *SPL Academy* Jul '26

- Taught core Python programming fundamentals to Class 7 students, building a strong foundation in logic and syntax.
- Mentored 25+ students in algorithmic problem-solving and modular programming, resulting in a 100% completion rate on final custom Python projects.
- Curated a 6-week interactive curriculum with 15+ hands-on coding exercises, boosting student assessment scores by 30% over the training term.

CERTIFICATIONS

- Cloud Computing — Infosys Springboard, Mar 2026
- Full Stack Development — Cursa, Apr 2026

EDUCATION

Lovely Professional University| Aug 2025 – Present Phagwara, Punjab
Bachelor of Technology, Computer Science and Engineering | CGPA: 7.7

SPL Academy Punarbas, Nepal
High School, PCM | Percentage: 85%