

BHARATH S

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SUMMARY

AI Engineer and Full-Stack Developer with production experience building LLM-powered applications using Claude API, Gemini API, and open-source models. Shipped two live platforms—Elevra (AI career platform on Render.com) and ScopeAI (AI scope creep detection tool)—covering the full stack from prompt engineering and multi-modal AI pipelines to React 19 frontends and Dockerized cloud deployments. Skilled in Agile workflows, REST API design, CI/CD, and responsible AI integration.

TECHNICAL SKILLS

AI / ML: Large Language Models (LLMs), Prompt Engineering, RAG, Fine-Tuning (LoRA / QLoRA / PEFT), Claude API, Gemini API, Mistral-7B, Hugging Face, BitsAndBytes, Speech Recognition (faster-whisper), Computer Vision (DeepFace, MediaPipe), NLP
Backend: Python, FastAPI, Flask, Express.js, Node.js, PostgreSQL, MySQL, SQLAlchemy, Prisma ORM, Alembic, JWT Authentication, REST API Design

Frontend: React 19, TypeScript, Tailwind CSS v4, React Router, Vite, Chrome Extension (Manifest V3)

DevOps / Cloud: Docker, Docker Compose, Azure, DigitalOcean, Nginx, CI/CD, Containerization, Git, GitHub, Linux

PROFESSIONAL EXPERIENCE

Full-Stack Developer Intern

Jasmin InfoTech Pvt. Ltd.

Jun 2026 – Jul 2026

Chennai, India

- Led a 3-member intern team to architect and ship ScopeAI—an AI-powered scope creep detection platform—from zero to Live in 4 weeks.
- Designed hybrid AI architecture combining Gemini API for per-feature complexity analysis with a deterministic capacity engine for timeline and risk calculations, ensuring consistent and explainable output.
- Implemented what-if scenario modeling, role-based project sharing, audit logging, SHA-256 deduplication, and PDF/CSV export across a React 19 + Express.js + MySQL + Prisma ORM full-stack.

Full-Stack Development Intern

Approtech R&D Solutions

Jun 2025 – Aug 2025

Chennai, India

- Re-engineered authentication module (Flask + JWT) reducing API response time by 40% via SQL query optimisation and connection pooling.
- Designed and documented 12+ RESTful API endpoints for user registration and profile management, enabling independent frontend delivery and reducing integration overhead.

PROJECTS

Elevra — AI Career Platform | [github](#) | Live Demo : [elevraa.me](#)

Nov 2025 – Present

FastAPI, React 19, TypeScript, Claude API, Gemini API, Docker, PostgreSQL, Azure

- Deployed AI career platform with automated Docker-based deployment and database migrations.
- Engineered dual-LLM orchestration layer (Claude API + Gemini) with automatic provider hot-swap via key-prefix detection, eliminating vendor lock-in and achieving zero-downtime model switching in production.
- Built AI Mock Interview Coach with 3 simultaneous ML inference streams: faster-whisper speech transcription, DeepFace facial sentiment analysis, and MediaPipe eye-contact tracking.
- Shipped 7 product modules: ATS resume scoring, JD gap analysis, live job search (RapidAPI), Career Readiness Index, AI career roadmap, and Chrome MV3 extension for one-click job applications.

ScopeAI — AI Scope Creep Detection | [github](#) | Live Demo : [scope-shift.vercel.app](#)

Jun 2026

React 19, TypeScript, Express.js, MySQL, Prisma ORM, Gemini API

- Engineered hybrid AI architecture pairing Gemini API for per-feature complexity estimation with a deterministic capacity engine computing available hours, productive hours, and timeline fit.
- Built interactive what-if scenario modeling to simulate the impact of team size changes, deadline shifts, or scope removals—with risk level, scope score, and effort breakdown recalculated in real time.
- Delivered high-grade features: role-based project sharing, comprehensive audit logging with feature snapshots, SHA-256 hashing for duplicate detection, and PDF/CSV report export.

EDUCATION

B.Tech — Information Technology (Honors)

St. Joseph's College of Engineering, Anna University

CGPA: 8.51 / 10

Graduated May 2026

Chennai, India