Mihir Savjani

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Summary

- My journey took an exciting turn! After building robust backends with Node.js for over 2.5 years, I plunged into the captivating world of AI application development. For the past four months, I've been immersed in crafting intelligent solutions, blending my strong JavaScript and TypeScript foundations with cutting-edge AI technologies. I'm eager to contribute my unique blend of backend prowess and AI enthusiasm to create truly impactful applications. Let's build the future together.

Skills

- Languages & Backend: JavaScript | TypeScript | Node.js | NestJS | Express | FastAPI | Flask | Uvicorn | MSSQL | PostgreSQL | NoSQL | MongoDB
- Cloud & DevOps: AWS | Azure | CI/CD | Git | GitHub | GitLab | Jira | ClickUp | CircleCI
- AI & Machine Learning:
  - LLMs (Large Language Models) | Hugging Face Transformers | LangChain | LangGraph | Grok API | Qdrant Vector Database
  - Local LLM Deployment | Prompt Engineering | AI Application Development
- Soft Skills: Self-Learner | Proactive | Team Player | Team Leader | Critical Thinker | Problem Solver | Results-Driven

Work History

Senior Backend & AI Engineer — **Plutomen Technologies** — *AHMEDABAD, INDIA* — **07/2023 - Current**

- Enforced coding standards, improving code quality and team proficiency.
- Executed sprint planning and task distribution, ensuring timely and quality project delivery.
- Created a Node.js intern training roadmap, providing mentorship and fostering skill development for interns.
- Supported team members and led feature development, delivering robust APIs.
- Resolved scalability issues and delivered rapid solutions for customer needs.
- Provided technical support, resolving complex backend challenges.
- Developing a custom RAG chatbot as a standalone AI initiative.

Junior Backend Engineer — **Kevit Technologies** — *AHMEDABAD, INDIA* — **07/2022 - 07/2023**

- Delivered multiple backend projects on time under tight deadlines.
- Developed scalable APIs and extensions, resolving critical bugs and mitigating risks.
- Developed and deployed Next.js applications and Dialogflow chatbot solutions.
- Integrated and managed backend systems for financial applications, adapting to specific industry requirements.
- Fostered teamwork and shared best practices.

Intern — **Ace Analyitics** — *AHMEDABAD, INDIA* — **01/2022 - 06/2022**

- Completed a 3-month training program in React.js and Node.js, gaining hands-on experience in full-stack development.
- Developed a complete backend system from scratch, driving the core functionality of a new product.
- Led and mentored team members, ensuring project alignment and resolving technical blockers.
- Designed and implemented RESTful APIs for seamless frontend-backend communication across multiple service projects.
- Architected scalable backend systems using Node.js, optimizing for high performance and reliability.

Projects

- **PLUTOMEN WORKFLOW**
  - Established coding standards using ESLint, Prettier, and Husky, ensuring code consistency, maintainability, and streamlined development workflows.
  - Developed a scalable core module, laying the foundation for the Plutomen WORKFLOW platform while optimizing API response times by 4x through strategic performance improvements.
  - Automated complex scheduling tasks with cron, enhancing workflow efficiency and system reliability.
  - Designed and implemented an Elasticsearch-powered dashboard to visualize real-time user analytics and performance insights.
  - Led code reviews and contributed to feature development, ensuring high-quality releases and continuous improvements.
  - Designed an Agentic RAG Orchestrator Workflow Architecture to create a chatbot capable of answering complex queries from structured report JSON data.
  - Integrated vector search and retrieval augmentation for enhanced chatbot accuracy and contextual awareness.
  - Researched and explored AI technologies, including LangChain, LangGraph, AI agents, cloud AI inference services (Groq, Hugging Face), and offline model deployment (Transformers, Ollama).
  - Optimized workflow automation and data pipelines, ensuring seamless interaction between AI models and database systems.

- **PLUTOMEN CONNECT**
  - Built a dynamic admin dashboard to track user analytics and performance, with automated data updates using cron jobs.
  - Implemented Redis caching to significantly enhance API response times and overall application performance.
  - Worked with Agora.io SDK to enable seamless live video calling functionality within the platform.
  - Migrated core application logic from Laravel to Node.js, improving scalability and maintainability.

- **SYNGENTA:**
  - Developed AWS Lambda microservices to process third-party data for Syngenta's agricultural solutions.
  - Implemented CI/CD pipelines for automated microservice deployments.
  - Implemented load balancing techniques, including Elastic Load Balancing and hot start, for optimal microservice performance and reliability.
  - Stored synchronized third-party data in PostgreSQL and developed APIs for efficient data extraction and computation.
  - Automated Swagger UI creation using Tsoa decorators, streamlining API documentation.

- **RS RECUITMENT ASSISTANT**
  - Enhanced the RS Recruitment Assistant, an HR extension designed to accelerate hiring by recommending candidate profiles from platforms LinkedIn, JobStreet, and Naukri.
  - Implemented web scraping tools to efficiently extract candidate data from multiple online platforms, streamlining the recruitment process.
  - Developed an Excel download feature, enabling recruiters to easily export and manage candidate data.
  - Provided ongoing maintenance and code updates to ensure the extension's compatibility with evolving website structures and platform changes.

- **FOODYGENT**
  - Contributed to the conversion of the project from Node.js to NestJS, improving the application's architecture and maintainability.
  - Developed features including PDF downloading for billing and inventory information, along with customer data synchronization using webhooks.
  - Delivered features within tight deadlines, demonstrating the ability to rapidly develop and deploy solutions under pressure.

- **TRAD**
  - Developed an Excel download feature for user analytics.
  - Created cron jobs to sync data from third-party APIs.
  - Provided maintenance and implemented feature updates based on client requirements.

Education_____

Bachelor of Engineering in Computer Engineering	Government Engineering College, Rajkot	06/2019 - 04/2022
• Studied Computer Engineering and programming concepts.		CGPA: 8.81
Diploma in Computer Engineering	Government Polytechnic, Porbandar	08/2016 - 03/2019
• Studied Computer Engineering and basic programming concepts.		CGPA: 8.54

Personal Information_____

- **Date Of Birth:** 1st August, 2000
- **Languages known:** Gujarati, Hindi, English