DIVYESH PATEL

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EDUCATION

M.S., Computer Science — Graduating May 2027
Arizona State University, Tempe, AZ — 3.89 CGPA
Relevant Coursework: Foundation of Algorithms, Distributed Database Systems, Foundation of Machine Learning

B.Tech., Computer Engineering — May 2025
Silver Oak University, Ahmedabad, India — 9.05 CGPA
Relevant Coursework: Data Structures and Algorithms, Operating Systems, Artificial Intelligence, Mobile App Development, Object-Oriented Programming, Network Technology, Database Management System, Advance Web Technology

TECHNICAL SKILLS

Web Development: React JS, Next JS, Node JS, Express JS, Tailwind CSS, ShadCN UI, REST APIs, WebSockets, SSR
Databases: MongoDB, Firebase, PostgreSQL, Redis, MySQL, Elasticsearch, Neo4J, CockroachDB, Prisma ORM
Programming Languages: C++, Python, Golang, TypeScript, JavaScript, Java
Machine Learning & GenAI: Transformers, LLMs, RAG, LangChain, Hugging Face, Vector Databases, Fine-tuning, Scikit Learn, XGBoost, Pandas, NumPy
Cloud & DevOps: AWS, GCP, Docker, Kubernetes, CI/CD, GitHub Actions, Linux, Git

PROFESSIONAL EXPERIENCE

Full-Stack Developer Intern: RealList AI, Ahmedabad, IN — Dec 2024 – Jun 2025
- Built more than 15 full-stack features across booking, accounting, asset management, document management, inventory, planning and ticket workflows using MongoDB, ExpressJS, ReactJS, NodeJS, AWS and Material UI.
- Boosted backend performance through Redis based caching and improved query design that cut average response times by half, enabling the system to support more than ten thousand daily transactions with stability.
- Built an OpenAI powered chatbot and voice assistant that provided automated, 24/7 user support and developed a comprehensive marketplace module where builders can seamlessly publish property listings in a unified view.

Software Engineer Intern: Caring Click, Ahmedabad, IN — Mar 2024 – Aug 2024
- Architected and developed the company's website using NextJS and Firebase, delivering a highly secure, scalable, fully responsive platform with advisor onboarding and personalized financial guidance for 500+ monthly active users.
- Integrated a robust, multimodule payment gateway, streamlining real-time transactions, reducing processing time by 30%, and providing a seamless, reliable, user-centric, and highly efficient payment experience.
- Deployed the platform on cloud infrastructure with high-performing optimizations, achieving 99.9% uptime, resilient performance, and fault-tolerant architecture to ensure continuous availability and seamless user experience.

PROJECTS

Futflare: github.com/pateldivyesh1323/futflare
- Built a Go-based time-capsule web app with private messages, media attachments, and scheduled reveal dates.
- Developed a robust backend with Go and cron scheduling. Frontend in React + TypeScript with secure media uploads.

Parlo: github.com/pateldivyesh1323/parlo
- AI-powered chat app enabling multilingual collaboration through real-time audio and low-latency streaming.
- Implemented with MERN, Redis, and Gemini API for text and voice translation and intelligent message generation.

Submitly: github.com/pateldivyesh1323/submitly
- No-backend form submission platform featuring inbox forwarding, email notifications, webhooks, and CSV export.
- Developed using MERN, ShadCN, and Tailwind CSS to deliver a modern, responsive, and user-friendly experience.

ACTIVITIES

- Solved more than 600 Data Structures & Algorithms problems on Leetcode and GeeksforGeeks.
- Participated in multiple hackathons including MLH November long, AgentForce, DevHacks S2, and HackHazards.
- Mentored 2 students under the Software Development Club at ASU, guiding them in AI and full-stack projects.
- Runner-up in the Jumble Programming Competition (Talash, Silver Oak University).
- Contributed to Hacktoberfest 2023 & 2024.