

# Preet Patel

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## PROFESSIONAL SUMMARY

Performance-driven Full Stack Developer with expertise in architecting scalable web applications using React.js and Node.js. Specialized in optimizing data integrity via MySQL/PostgreSQL and enhancing system throughput using Redis and WebSockets. Proven track record in leveraging AI-assisted workflows (Vibe Coding) to accelerate the SDLC while maintaining high-quality production standards. Currently scaling expertise in AI Engineering and Python-driven automation.

## PROFESSIONAL EXPERIENCE

### Skyllect Private Limited

Full Stack Developer

Surat, India

July 2024 – Present

- **Emerging Star of the Year 2024:** Awarded for maintaining a high velocity of delivery and mastering the production stack within the first 6 months.
- Developed high-performance frontends using **Next.js**, resulting in a **25% improvement** in SEO rankings and initial page load speeds.
- Engineered RESTful APIs that handled **10k+ concurrent requests** by optimizing Node.js event-loop utilization and Express middleware.
- Refined PostgreSQL schema designs and indexed complex queries, reducing average database response time by **40%**.
- Implemented real-time bidirectional communication via WebSockets, increasing user engagement metrics by **15%**.
- Integrated **Redis caching** for frequently accessed data, reducing primary database load by **30%** during peak traffic hours.
- Automated deployment workflows on **AWS**, reducing manual intervention and deployment-related downtime by **20%**.

## EDUCATION

### R. N. G. Patel Institute of Technology

Bachelor of Vocational in Computer Software Engineering

Surat, India

Sep 2021 – May 2024

## TECHNICAL SKILLS

**Frontend Development:** React.js, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS

**Backend Development:** Node.js, Express.js, Python (AI Integration), RESTful APIs

**Databases & Caching:** MySQL, PostgreSQL, Redis, SQL Optimization

**Cloud & DevOps:** AWS (EC2/S3), Git, GitHub/GitLab, CI/CD Pipelines

**Soft Skills:** Technical Leadership, Agile Collaboration, Problem-Solving, Critical Thinking

## PROFESSIONAL DEVELOPMENT & FOCUS AREAS

**AI Engineering:** Actively building Python-based backend microservices to integrate Large Language Models (LLMs) into production environments.

**Scalable Systems:** Researching distributed system patterns to enhance fault tolerance and horizontal scalability for enterprise applications.