

Sarthak Gandhi

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TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, SQL, Java, HTML, CSS

Databases: PostgreSQL, MongoDB, Redis

Frameworks / Development Tools: React.js, Node.js, Express.js, Django, Flask, REST APIs, gRPC, Apollo GraphQL, Bootstrap, Material-UI, Tailwind CSS, Jest, Next.js, Docker, Kubernetes, Git, AWS, CI/CD pipelines

EXPERIENCE

MainOnePro

02/2024 - 04/2024

Software Developer - Team Lead

St. John's, NL

- Represented the company at the Collision Conference 2024 in Toronto, showcasing the SaaS platform MVP, networking with potential clients, and winning the "Impact Startup of the Year" award
- Owned and managed the development of a SaaS platform MVP that connects parents with local childcare services, collaborating with stakeholders to design a scalable system architecture aligned with business goals
- Utilized agile methodologies to iteratively design and develop the product, reducing time to completion by 2 weeks, while leading a team of 5 developers, mentoring two junior developers, and collaborating with cross-functional teams
- Drafted and implemented technical designs to solve business problems, created technical documentation, and designed system architecture diagrams to facilitate developer onboarding and enhance company business operations

Creadigol Solution

12/2020 - 8/2022

Full Stack Developer- Team Lead

Vadodara, India

- Led and owned the end-to-end development of high-impact projects, including a multi-vendor marketplace, a ranking algorithm, and solutions integrating Web3 technology
- Directed a team of developers to build robust applications using TypeScript, Python, and Node.js, scaling systems to support over 5,000 concurrent users while reducing server costs by 24% through optimized architecture
- Architected and deployed cloud-based solutions on platforms like AWS, DigitalOcean, and Google Cloud, ensuring reliability, scalability, and adherence to best practices for multiple enterprise clients
- Implemented in-memory caching solutions (Redis) to optimize database performance, reducing query response times by 31%, significantly improving application responsiveness
- Enhanced code quality and team productivity by introducing automated testing frameworks (Jest) and rigorous code review processes, resulting in a 33% reduction in bugs and production issues
- Mentored and coached a team of junior and mid-level developers, fostering professional growth and aligning team efforts with project goals and organizational objectives
- Collaborated with stakeholders, including product managers and designers, to define technical roadmaps, prioritize features, and ensure timely delivery of high-quality software
- Led agile methodologies, managing sprint planning, daily stand-ups, and retrospectives to enhance team collaboration and project visibility

PROJECTS

[NextResume - Link](#) Ongoing

Next.js, OpenAI, AI-sdk

- Developing an innovative platform that enables job seekers to create and share dynamic, interactive resumes tailored to their dream jobs, leveraging AI to enhance personalization and engagement.

[OptimHealth - Link](#)

React.js, Redux, React Router

- Developed a healthcare website using React.js, Redux, and React Router, with a focus on user experience and responsiveness, and a clean UI.

[ParkVision - Link](#)

Convolutional Neural Network, Python, AWS

- Designed and implemented a system to detect empty parking spots from real-time surveillance footage using a CNN and Python backend. Integrated the solution by uploading detected parking data to a firebase database for centralized storage and retrieval. Developed an app to display real-time parking spot availability, leveraging backend analysis for seamless user access.

EDUCATION

Master of Applied Science in Computer Engineering

09/2022 - 04/2024

Memorial University of Newfoundland

St. John's, NL

Bachelor of Engineering in Computer Science

08/2017 - 05/2021

Babaria Institute of Technology

Vadodara, India