

SAHIL KAKADIYA

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Summary

- Highly skilled Software Developer with deep expertise in crafting scalable and visually stunning web applications using Next.js, React.js, and TypeScript.
- Extensive experience in optimizing performance and implementing advanced web technologies, including server-side rendering and modern development practices.
- Proven ability to leverage generative AI to enhance user experiences, streamline development processes, and drive innovation.
- Strong collaborator with excellent communication skills, adept at translating technical requirements into intuitive user interfaces.
- A dedicated professional with a growth mindset, continuously exploring new technologies and methodologies to deliver exceptional user experiences.

Technical Skills

- Web Development: Expert in building scalable web applications using Next.js, React.js, and TypeScript.
- Server-Side Rendering: Strong understanding of server-side components for optimized web performance.
- Generative AI: Proficient in exploring and implementing AI-driven solutions to enhance user experiences and development processes.
- Modern Development Practices: Familiar with agile methodologies, testing frameworks, and version control systems like Git.
- Optimization Techniques: Skilled in advanced optimization to ensure lightning-fast performance across web applications.
- Collaboration: Excellent communication and collaboration skills, working closely with designers, product managers, and stakeholders.
- C# Development: Over 2 years of experience in C# for software development.
- SQL & Database Management: Proficient in Microsoft SQL with a strong understanding of stored procedures, triggers, and views.
- Windows Desktop Application Development: Experienced in building Windows Forms applications using DataGridView, Databinding, and various software development processes.
- IT Support & Hardware Maintenance: Provide support for hardware and network systems including firewall servers and network maintenance.
- Problem Solving & Data Auditing: Strong analytical skills, able to approach data auditing and IT issues with an objective solution-driven mindset.

Education

Computer Engineering Technology - Computing Science Advanced Diploma

Algonquin College

May 2022 – Aug 2024

Ottawa, ON

- CGPA: 3.34 / 4.0

Experience

Technical Support (Intern)

GAO TEK INC.

April 2024 – July 2024

Toronto, ON

- Enhanced and maintained ERP systems for various clients, improving operational efficiency.
- Managed data auditing processes and maintained database integrity with Microsoft SQL.
- Provided software and hardware support, troubleshooting issues related to Windows desktop applications.
- Handled the maintenance of network infrastructure, including firewalls, servers, and related hardware.

- Developed and optimized scalable web applications using Next.js, React.js, and TypeScript, delivering high-quality user experiences.
- Explored and implemented generative AI to drive innovation and enhance application functionality.
- Led cross-functional collaborations with designers and product managers to deliver intuitive and visually appealing interfaces.
- Employed advanced optimization techniques, ensuring lightning-fast application performance.
- Owned the end-to-end delivery of projects, from inception to deployment, fostering a culture of innovation within the team..

Projects

[PodConnect Website](#) - Algonquin College, Ottawa, ON,

01/2024 - 08/2024

- Faced with the challenge of making media content more accessible for individuals with disabilities, particularly those who are deaf or hard of hearing, developed an innovative website that offers multiple solutions to enhance accessibility.
- The platform features real-time transcription services using Assembly AI, FastAPI, and Python, allowing podcasters to provide downloadable transcriptions to their audience.
- Additionally, implemented SEO-optimized podcast search functionality, enabling users to find content by specific keywords, city, or province, thus enhancing discoverability.
- To further support inclusive media consumption, integrated subtitle support for videos from platforms like YouTube, Twitch, and Pod addict, allowing users to upload their own media or select from popular sources.
- Executed a full-stack development project that combined front-end and back-end technologies, including HTML and JavaScript; this initiative improved accessibility features, enabling a 30% increase in user engagement among diverse audiences.

Awards and Certificates

- **Dean’s Honours List, Algonquin College**
Recognized for academic excellence and high GPA.
- **Process Data from Dirty to Clean, Google - Coursera**
Acquired skills in cleaning, transforming, and preparing datasets for analysis.
- **Data, Data, Everywhere, Google – Coursera**
Gained a foundational understanding of data analysis, key metrics, and visualization techniques.

Jan 2023

Jun 2024

July 2024

References

**References available upon request.

Profiles

- [Linkedin](#)
- [GitHub](#)