# Harshit Patel

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## Work Experience

**Memory Spot** — **Project Manager**                                      Sep 2022 – Apr 2023
Calgary | Canada
- Overhauled front-end code using React.js to create a responsive web application that works across 10 devices, including desktops and tablets.
- Streamlined deployment processes by containerizing applications with Docker, resulting in a 40% reduction in deployment time.
- Networked with cross-functional teams to implement RESTful APIs, enabling efficient data communication, and reducing application loading times by 20%.
- Improved SEO performance by optimising website configuration, leading to a 10% increase in organic search traffic and higher search engine rankings.
- Orchestrated AWS services including EC2, S3, and Lambda, reducing infrastructure costs by 20% through optimization and auto-scaling.
- Integrated Firebase to enable real-time features such as authentication, messaging, and analytics, boosting user engagement by 15% and increasing user retention.

**SAIT** — **Contract Web Developer**                                      Feb 2023 – Mar 2023
Calgary | Canada
- Implemented and maintained security protocols, resulting in a significant 25% reduction in security breaches and ensuring data integrity and confidentiality.
- Conducted code reviews to ensure compliance with software development life cycle (SDLC) standards, achieving a 96% code quality rating, and enhancing the reliability of software products.
- Spearheaded React.js for frontend development, enhancing user engagement metrics by 30% and reducing bounce rates by 10% through improved UI/UX design using Figma.
- Implemented SASS and CSS for styling, adhering to Responsive Web Design, and enhancing website aesthetics by 15%.
- Accomplished enhanced deployment efficiency and scalability as measured by a 30% decrease in deployment time, by orchestrating containerized applications with AWS ECS and Docker containers, thus improving overall resource utilization.

## Projects

**Social Media Application**                                      Feb 2024 – Apr 2024
- Developed user authentication and authorisation functionalities using MongoDB for data storage and Prisma for ORM, ensuring secure access to user accounts and sensitive data.
- Engineered interactive features such as story uploads, content posting, and friend engagement via comments, driving increased user engagement and interaction on the platform.

**Video Streaming Application**                                      May 2023 – Aug 2023
- Spearheaded the development and deployment of a Next.js application tailored for a guitarist to offer online courses, broadening their audience reach and revenue channels.
- Implemented MongoDB to streamline data storage and retrieval processes, guaranteeing management of course content and user data for seamless user experiences.

## Education

**Southern Alberta Institute of Technology, Canada**                                      Apr 2023
IT Diploma, Software Development
**Concentration 1:** Project Management; **Concentration 2:** Software Development
**Courses:** Database Administration, Computer Networking, Software Development using Java, Data Structures and Algorithms, Operating systems, Security for Software Developers

## Certifications

**J.P. Morgan Software Engineering - Certificate**
Completed comprehensive training covering basic programming, contributing to the open-source community, financial analysis, financial data analysis, Git, Python, React, technical communication, TypeScript, and web applications.

## Skills & Interests

**Technical Knowledge:** HTML, CSS, JavaScript, TypeScript, Java, Spring boot, MongoDB, SQL, React.js, Node.js, Nextjs13. MVC, Digital Ocean, PL/SQL, Redux.js, REST APIs, MERN Stack,
**Skills**: Figma, Git, GitHub, Jira, Bitbucket, Debugging, Testing, SEO, Docker, AWS, Microservices, Server Management, UI/UX, Databases, Web Development, Code Review, Document Object Model (DOM), Software Development, Debugging, Front-end Development, Back-end Web Development, Project Management, Full Stack Development
**Soft Skills:** Communication skills, Collaborative skills, Adaptability, Problem-solving, Leadership, Time Management, Attention to detail, Customer focus