

## TECHNICAL SKILLS

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

**Databases:** PostgreSQL, MongoDB, Redis

**Frameworks / Development Tools:** React.js, Node.js, Django, REST APIs, gRPC, Jest, Docker, Kubernetes, Git, AWS, CI/CD pipelines, Terraform

## EXPERIENCE

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### 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
- Established CI/CD pipelines using tools like Jenkins and GitHub Actions, reducing deployment time by 28% and improving development cycle efficiency
- Monitored and optimized system performance using tools like New Relic and Datadog, identifying and resolving performance bottlenecks to maintain a 99.9% uptime SLA
- Led agile methodologies, managing sprint planning, daily stand-ups, and retrospectives to enhance team collaboration and project visibility

## PROJECTS

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### WeatherYOLO

State-of-the-art object detection model, YOLOv8, Computer Vision

- Developed and optimized an object detection system using YOLOv8, improving performance across four weather conditions and refining model accuracy by training on COCO for 30 epochs across 25 different scenarios. Built a web application for real-time object detection, integrating YOLOv8's model to deliver live performance results.

### [OptimHealth - Link](#)

React.js, Redux, React Router

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

### [Task Manager API - Link](#)

Node.js, Express.js, MongoDB, JWT, REST API

- Developed a REST API for a task manager application, enabling users to create, read, update, and delete tasks, with authentication and authorization features from scratch to ensure secure access.

## EDUCATION

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### 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