

HITANSHU SHAH

London, Ontario • +1 9057820364 • hitanshushah10.8@gmail.com
linkedin.com/in/hitanshu-shah • www.hitanshushah.com

EXPERIENCE

Sagacity Software, *Software Developer, Canada*

March 2024 – Present

Tech Stack: Odoo, Nuxt.js, Next.js, React, Vue, PostgreSQL, Docker, AWS, Caddy, TypeScript, GoLang

- Transformed legacy applications by implementing microservices architecture using Docker, resulting in a 25% increase in deployment efficiency and reduced downtime.
- Managed AWS and CloudFront for efficient storage and delivery, reducing load times by 40% across microservices.
- Demonstrated expertise in developing microservices leveraging multiple languages and frameworks, enhancing user experience and improving system performance process by 30%.
- Led the migration of core legacy systems to the Odoo platform, adding more features for business operations.
- Architected a smart proxy system to intelligently route requests and build highly available RESTful APIs, improving system scalability by 11% and optimizing traffic flow.
- Optimized PostgreSQL databases for fast data retrieval, improving response times across integrated systems.
- Mentored co-ops and junior developers, troubleshoot issues, and conducted code reviews ensuring coding standards.
- Streamlined development and deployment pipelines, improving delivery time and decreasing support tickets by 15%

Tata Consultancy Services, *Systems Engineer, India*

June 2021 – June 2022

Tech Stack: Machine Learning, MongoDB, Python, React

- Led the development of a Python predictive modeling through advanced machine learning techniques, which improved recommendation accuracy by 80%, leading to increased customer engagement and sales.
- Introduced a robust API integration framework by eliminating redundant requests, increasing transaction volume by 25% and improving overall system reliability.

Tech Truffle Technologies, *Full Stack Developer, India*

Aug 2019 – May 2021

Tech Stack: Java, Spring Boot, MySQL, Angular

- Prepared and optimized backend services using Spring Boot, enhancing real time reviews and reducing latency by 10%, resulting in a smoother user experience for millions of users.
- Reconciled user feedback and analytics data to identify performance bottlenecks in the system, optimized automated notifications upon form submission and reduced response time by 50%.

PROJECTS

Webb Style - Website Builder (*Nuxt.js, Vue, GoLang, Tailwind, PostgreSQL, Minio*): <https://webbstyle.com>

- Built a website builder for creating portfolio websites with automated domain management and hosting.
- Engineered domain management with subdomain creation and custom domain integration using API keys.
- Created GoLang middleware for session validation and used Caddy On-Demand TLS for domain verification.
- Designed website templates with customizable color schemes, supporting 30+ active users, with 10 pro users.

Projects Board (*Vue, Laravel, Inertia, PostgreSQL, Minio*): <https://projectsboard.live/>

- Developed a project management platform used by 15+ active users to showcase their work.
- Integrated Authentik as the OAuth2 layer across all projects to control secure access to the admin panel.
- Developed custom subdomain URL to serve projects that can be shared publicly.

Design Pad (*React, Fastify, PostgreSQL, Minio, Typescript, Authentik*): <https://designpad.demo.hitanshushah.com/>

- Built an email builder for 20+ users, enabling template creation and customization for emails and posters.
- Supports blocks creation that can be styled and customized using a built in customization panel.
- Added a demo mode with tour guide to explore features, with session data resetting every 15 minutes.

Online Monopoly Banking System (*Next.js, MySQL, TypeScript, Pinia*): <https://monopoly.game.hitanshushah.com/>

- Developed a digital banking system simulating Monopoly's financial transactions and property management.
- Enabled player account management, property buying/selling, rent payments, and fund tracking.
- Designed scalable database schema in MySQL to track players, properties, and transactions.

TECHNICAL SKILLS

- **Frontend:** React, Angular, Vue, Tailwind, JavaScript, TypeScript, Nuxt.js, Next.js.
- **Backend:** GoLang, Nestjs, Laravel, Fastify, Spring Boot
- **Languages:** Python, Java, PHP, C, C++
- **Database:** MySQL, PostgreSQL, MongoDB
- **Tools:** Docker, Caddy, AWS, Nginx, Odoo

EDUCATION

Western University, Canada - Master's in Computer Science
CGPA - 3.9/4.0

Aug 2022 - Dec 2023

Mumbai University, India - Bachelor's in Information Technology
CGPA - 9.03/10

June 2017 - May 2021

PUBLICATIONS

Presented Paper in 2021 IEEE Asian Conference on Innovation in Technology, 4th October, 2021.
“EDRA – An Emotion Health Detection and Recognition Assistant”, ISBN: 978-1-7281-8403-6

CERTIFICATION

- AWS Cloud Practitioner