

KABILESH RAVI

kabilesh020799@gmail.com | +1 (782) 882-8843 | <https://www.linkedin.com/in/kabileshravi27/> | https://kabilesh020799.github.io/Portfolio_React/ | <https://github.com/Kabilesh020799> | **Open to relocation**

PROFESSIONAL SUMMARY

Software Engineer with **3 years** of proven experience in developing scalable and **reliable** frontend and backend APIs. Proficient in **microservices, micro-frontends, cloud technologies** and **Agile** development with a strong focus on performance and user experience. Currently holding an **Open Work Permit** in Canada.

SKILLS

- **Programming Languages:** Java 8, JavaScript (ES6), TypeScript, C++, Python, Ruby.
- **Database:** MySQL, PostgreSQL, MongoDB, DynamoDB, Firebase.
- **Frontend:** React, Vue JS, React Native, Nuxt JS, HTML, CSS, SCSS, TailwindCSS.
- **Backend and Testing Frameworks:** NodeJS, Django, Spring Boot, Playwright, Jest, Vitest, Testing Library.
- **DevOps and Cloud Technologies:** Git, GitHub, Docker, Kubernetes, Jenkins, Terraform, Datadog, AWS.

PROFESSIONAL EXPERIENCE

Full stack Developer (Contract) | Redbrick (Victoria, Canada)

09/2024 – Present

- Implemented and documented an advertisement feature module for Shift browser's landing page using Vue JS, Nuxt JS, TypeScript, and Confluence, optimizing **ad performance for 30,000+ active users**.
- Created end-to-end and unit tests with Playwright and Vitest, improving **code coverage by 20%**.
- Improved system observability and reliability by developing Datadog monitors, **reducing downtime by 25%**.
- Built CI/CD pipelines for ad deployment using Python, AWS CodePipeline and GitHub Actions, streamlining workflows and accelerating release cycles.
- **Stack:** Vue JS, Nuxt JS, TypeScript, Python, Vitest, Playwright, AWS, GitHub Actions.

Software Engineer II | Mad Street Den (Chennai, India)

07/2021 – 08/2023

- Led a **4-developer Agile team** to design and build an onboarding application for Vue.ai using React, and Redux for the frontend, and Django, and Python for REST API development, onboarding **10+ customers monthly**.
- Enhanced application performance by **parallel processing** the API calls and introducing frontend caching to minimize redundant network requests.
- Wrote unit and integration tests using Jest and React Testing Library, reducing **regression issues by 30%**.
- Utilized PostgreSQL indexing and Redis caching to optimize data retrieval, achieving **99.9% uptime**.
- Refactored a legacy system into a service-oriented architecture with Docker, Kubernetes and Jenkins, improving modularity and deployment speed.
- Built CI/CD with GitHub Actions and AWS Services (CodeBuild, Lambda, ECR) to automate deployments.
- Created **5 new features** for Vue.ai by interacting with cross-functional product and design teams using strong communication skills, aligning technical delivery with business goals.
- **Stack:** React, Redux, Django, JavaScript, Python, Redis, PostgreSQL, Jest, React Testing Library, Docker, AWS.

Full Stack Engineer | Vidgyor Media Technologies (Bangalore, India)

01/2021 – 06/2021

- Developed a responsive internal application using React, Node JS, Express JS, and MongoDB to streamline advertisement monitoring, reducing **manual operational effort by 50%**.
- Scheduled and managed automated cron jobs in Python on AWS EC2 to maintain up-to-date data pipelines.
- **Stack:** React, Node JS, Express JS, JavaScript, Python, MongoDB, Linux, AWS.

PROJECT

Dal Vacation Home | Hotel Booking Application ([View in GitHub](#))

05/2024 – 08/2024

Developed a fully serverless solution using AWS services such as AWS Lambda, S3, and DynamoDB. Implemented containerization with Docker and orchestration using Amazon EKS.

EDUCATION

Master's in Applied Computer Science (Co-op)

09/2023 – 12/2024

Dalhousie University | Nova Scotia Canada

CGPA: 4.0 / 4.3