

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 (Grade 2) with a proven **2.5 years** of experience in developing scalable and reliable frontend and backend APIs. Proficient in **microservices**, **DevOps**, and **cloud technologies**. Strong background in Agile practices with a focus on enhancing user experience and ensuring high code quality.

PROFESSIONAL EXPERIENCE

Full stack Developer (Contract)

09/2024 – Present

Redbrick | Victoria, BC

- Implemented and documented an advertisement feature epic for Shift browser's landing page using Vue 3, TypeScript, Nuxt3 and Confluence, delivering scalable solutions optimizing ad performance for over **50,000 users**.
- Created end-to-end and unit test automations with Playwright and Vitest, improving **code coverage by 20%**.
- Enhanced system reliability and observability by developing Datadog monitors, resulting in a **25% reduction** in system downtime.
- Devised CI/CD pipelines for advertisement deployment using AWS CodePipeline, reducing deployment time **by 60%**.
- Developed proof-of-concept (PoC) for news summarization by integrating ML models from Hugging Face and PyTorch, reducing task-specific operational costs **by 50%**.

Software Engineer II

07/2021 – 08/2023

Mad Street Den | India

- Spearheaded a **team of 4 developers** to develop an onboarding website for Vue.ai using React JS and Redux, applying Agile methodologies using JIRA and onboarded **10+ customers** each month.
- Developed REST APIs using Spring Boot and Java for Vue.ai, utilizing SQL indexing and caching to optimize data retrieval, ensuring 99.9% uptime and supporting workflows for **100+ customers**.
- Constructed unit and integration tests using Jest and React Testing Library, reducing **regression issues by 30%**.
- Created **5 new features** for Vue.ai by interacting with product and design team using strong communication skills, driving product revenue.
- Mentored **8 new hires** through structured code reviews and guidance on best practices, resulting in improved code quality and faster onboarding.
- Transformed a legacy Django application into a suite of microservices using Docker, Spring Boot, and Java, with CI/CD automation through Jenkins, significantly improving scalability, maintainability, and deployment efficiency.

SKILLS

Programming Languages	Java, JavaScript (ES6), Typescript, C++, Python, Ruby, Golang
Database	My SQL, PostgreSQL, MongoDB, DynamoDB, Firebase
Frontend Frameworks	React JS, Vue JS, React Native, NuxtJS, HTML, CSS, SCSS, Tailwind CSS
Backend and Testing Frameworks	NodeJS, Express JS, Django, Spring Boot, Playwright, Jest, Vitest, Testing Library
DevOps and CI/CD	Git, GitHub, Bitbucket, Docker, Kubernetes, Jenkins, Terraform, Datadog, AWS

PROJECT

Nutri Nova | Health Management Application ([View in GitHub](#))

01/2024 – 04/2024

A SaaS platform built using Spring Boot and Vue.js. Designed serverless APIs with AWS Lambda, deployed the application on AWS EC2 using Docker, and implemented CI/CD workflows using GitHub Actions.

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

Bachelor of Engineering in Computer Science

09/2017 – 06/2021

Anna University | Tamil Nadu, India

CGPA: 8.56 / 10