

# KABILESH RAVI

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## PROFESSIONAL SUMMARY

**Software Engineer** (Grade 2) with a proven **3+ years** of experience in developing scalable and reliable frontend and backend APIs. Proficient in **microservices**, **micro frontends** 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

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 tests 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%**.

### Full stack Engineer Intern

10/2023 – 01/2024

Otis AI | Remote

- Crafted REST APIs for revenue admin panel, using NodeJS, achieving **100% automated** financial reporting.
- Redesigned and developed the authentication interface using React JS and Tailwind CSS, improving user experience and scalability, serving **750+ product customers**.

### Software Engineer II

07/2021 – 08/2023

Mad Street Den | India

- Spearheaded **4-person team** to develop an onboarding website for Vue.ai using React JS and Redux, applying Agile methodologies to streamline the Software Development Life Cycle (SDLC) and onboarded **10+ customers** each month.
- Developed REST APIs using Django and Python 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.

## SKILLS

<b>Programming Languages</b>	Java, JavaScript (ES6), Typescript, C++, Python, Ruby, Golang
<b>Database</b>	My SQL, PostgreSQL, MongoDB, DynamoDB, Firebase
<b>Frontend Frameworks</b>	React JS, Vue JS, React Native, NuxtJS, HTML, CSS, SCSS, Tailwind CSS
<b>Backend and Testing Frameworks</b>	NodeJS, Express JS, Django, Spring Boot, Playwright, Jest, Vitest, Testing Library
<b>DevOps and CI/CD</b>	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.

## 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**