

# KABILESH RAVI CHANDRAN

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## OBJECTIVE

Software Engineer with **3 years** of development experience and a Master's in Applied Computer Science seeking a **full-time** opportunity.

## PROFESSIONAL EXPERIENCE

- Full stack Developer Co-op** | Duplex | Redbrick Sept 2024 - Present
- Implemented key features using **Vue JS** and **Nuxt JS**, contributing to the revenue of the flagship product.
  - Created optimised test cases using **Vitest** and **Playwright**, enhancing code coverage and ensuring greater product dependability.
  - Enforced **Agile** methodologies and **SDLC** frameworks, facilitating timely delivery of features as per product roadmaps.
- Full stack Engineer** | Otis AI Oct 2023 - Jan 2024
- Developed a revenue-related admin panel feature using **React JS**, Node JS, and MongoDB, automating revenue calculations and achieving **100% automation** in financial reporting.
  - Redeveloped login and signup interfaces, enhancing user experience, resulting in a **35% increase in product users**.
  - Collaborated with an international team, enhancing communication and teamwork in a multicultural environment.
- Front-end Engineer** | Mad Street Den Jul 2021 - Aug 2023
- Assisted customers in resolving integration issues with Vue.ai, effectively reducing the product's churn rate.
  - Led the full-stack development of a demo website for Blox.ai, enhancing frontend with **React JS**, and Redux, while using Django and Python for REST API development, resulting in a **40% increase in customer conversion rates**.
  - Implemented Jest for unit testing and integration testing, achieving **90% code coverage** to ensure frontend code reliability and enhance product quality.
  - Used strong communication skills for **documentation** of features to improve collaboration and enhance the developer experience.
  - Integrated Agile environment and Software Development Life Cycle (**SDLC**) using Jira to optimize project management and ensure adherence to **Scrum** timelines.
  - Trained and **mentored 8 new hires**, leading to a significant enhancement in code quality and a significant reduction in code review times.

## SKILLS

**Languages:** Java, **JavaScript**, **Typescript**, C++, Python, Dart, SQL, Html5, CSS, SASS  
**Frameworks & Technologies:** **React JS**, Vue3, Node JS, Django, React Native, Nuxt JS, Spring Boot, PostgreSQL, MongoDB  
**DevOps & Cloud Technologies:** Git, GitHub, Docker, **Kubernetes**, AWS, Firebase, Terraform

## PROJECTS

- GitScope** | GitHub Analyzer Application ( [View in GitHub](#) ) Jan 2024 - Apr 2024
- Engineered a data visualization tool with **React JS** and D3.js to analyze GitHub activity, enhancing project oversight by providing detailed insights into commits, pull requests, and trending patterns.
  - Implemented global store using Redux to store GitHub data, thereby reducing repetitive API calls.
- NutriNova** | Health Management Application ( [View in GitHub](#) ) Jan 2024 - Apr 2024
- Designed and created a **SaaS** product for comprehensive health management using Vue3 and Spring Java, focused on optimizing user experience and data processing efficiency.
  - Utilized **AWS Lambda** to deploy serverless APIs, achieving automated scaling and a faster API execution.
  - Deployed the application on **AWS EC2**, utilized **AWS Secrets Manager** for secure credential storage, and built **CI/CD workflows** to automate the entire build process, enhancing system reliability and security.
- Trade Card** | Coupons Trading Application ( [View in GitHub](#) ) Sept 2023 - Dec 2023
- Led the frontend team in the development of an online platform for trading coupons using **React JS**, HTML, and CSS within an Agile framework.
  - Crafted and implemented backend APIs using a **Test-Driven Development (TDD)** approach with Spring Boot and Java, incorporating MVC architecture, which significantly improved transaction processing times and reliability.

## EDUCATION

**Dalhousie University**, Master in Applied Computer Science (**Co-op**) | Nova Scotia, Canada **CGPA: 4.0 / 4.3** Sept 2023 - Present  
**Anna University**, Bachelor of Engineering in Computer Science | Tamil Nadu, India **CGPA: 8.56 / 10** Sept 2017 - June 2021

**Achievements:** Award-winning competitor in multiple competitions including first-place victories at the Pop91 Innovation Challenge, MozoHack, and SVCE Innovates 2019 | Active member of the Web Team at ACE, SVCE during 2020-21.  
**Courses:** Software Engineering | Data Structures & Algorithms | Cloud Computing | Object-oriented Design