# KABILESH RAVI CHANDRAN

Canada

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Software engineer with **2 years of experience** in developing web applications, infrastructure, and cloud computing, and strong programming skills in Python, Javascript, Vue.js, React.js, SQL, and AWS.

## PROFESSIONAL EXPERIENCE

### Fullstack Engineer | Otis AI                                         Oct 2023 - Jan 2024

- Developed a revenue-related admin panel feature using React, Node.js, and MongoDB, automating revenue calculations and achieving **100% automation** in financial reporting.
- Redeveloped login and signup interfaces, enhancing user experience, which **increased user engagement by 35%**.
- Collaborated with an international team to enhance communication and teamwork in a multicultural environment.

### Frontend Engineer | Mad Street Den                                     Jul 2021 - Aug 2023

- Enhanced customer interaction and drove **revenue growth by 50%** through innovative features for Vue.ai.
- Led the full-stack development of a demo website, utilizing technologies like React.js, Django, JavaScript, Python and **MySql** to enhance user experience, resulting in a **40% increase in customer conversion rates** on the platform.
- Implemented Jest for test automation, conducting comprehensive unit and integration tests that achieved **90% code coverage**, thereby ensuring frontend code reliability and enhancing product quality.
- Applied Agile practices with Jira to streamline **project management** and adhere to timelines.
- Trained and **mentored 8 new hires**, leading to a significant enhancement in code quality and a **significant reduction in code review times**.

### Fullstack Engineer Intern | Vidgyor Media Technologies                 Jan 2021 - Jul 2021

- Built a full-stack application using React.js, Node Js and **MySql**, resulting in a **50% reduction** in manual advertisement monitoring efforts.
- Developed automation scripts using **Python**, reducing errors caused by manual processes.

## SKILLS

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|---|---|
| Languages | Java, JavaScript, Dart, C++, **Python**, Golang |
| Frameworks & Technologies | React.js, **Vue.js**, HTML, CSS, Node JS, React Native, Flutter, Jest, Junit |
| Database Technologies | **MySQL**, PostgreSQL, MongoDB |
| DevOps & Cloud Technologies | Git, GitHub, Docker, Kubernetes, **AWS** |
| Tools | Visual Studio Code, Eclipse |

## PROJECTS

### GitScope | GitHub Analyzer Application                                  Jan 2024 - Present

- 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 **by 40%**.

### NutriNova | Health Management Application                               Jan 2024 - Present

- Designed and created a comprehensive health management platform using **Vue.js** and Spring Java, focused on **optimizing user experience and data processing efficiency**.
- Utilized **AWS Lambda** to deploy a serverless API, achieving automated scaling and a **30% increase** in API execution speed.
- 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                                Sep 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 and Java, which significantly improved transaction processing times and reliability.

## EDUCATION

**Dalhousie University**, *Master in Applied Computer Science* | Nova Scotia, Canada    CGPA: 3.8 / 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 | **Cloud Computing** | Object-oriented programming | Database Management Systems