

# KABILESH RAVI CHANDRAN

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## SOFTWARE ENGINEER

Dedicated IT professional with 2 years of experience in full-stack development. Skilled in translating innovative ideas into functional and user-centric products, with a track record of writing and optimizing robust code. My strengths lie in efficiently meeting project deadlines and delivering high-quality software solutions. Proven ability to work collaboratively in team environments, consistently contributing to project success and innovative problem-solving. Currently seeking internship opportunities to further enhance skills and contribute to dynamic projects in a learning-oriented environment.

## STRENGTHS AND EXPERTISE

- **Programming:** Java, JavaScript, Dart, C++, Python
- **Front-end frameworks:** React JS, Vue JS, HTML, CSS
- **Back-end frameworks:** Node JS
- **Mobile App Development:** React Native, Flutter
- **DevOps:** Git, GitHub, Docker
- **Database Technologies-** MySQL, PostgreSQL, MongoDB

## EDUCATION

<b>Master of Applied Computer Science</b> Dalhousie University	<b>08/2023 - Present</b>
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<b>B.E Computer Science Engineering</b> Sri Venkateswara College of Engineering	<b>09/2017- 06/2021</b> <b>CGPA - 8.5</b>
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## PROFESSIONAL EXPERIENCE

<b>Fullstack Engineer</b> Otis AI	<b>10/2023 - 01/2024</b>
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- Developed and maintained a customer success story showcase page using **React JS** and **Node JS**, enhancing the company's public image and customer engagement.
- Played a crucial role in the development of revenue-related admin panel features, contributing to a measurable impact on the company's financial success.
- Redeveloped the login and signup interface, implementing new designs to improve user experience and modernize the company's authentication system.
- Collaborated seamlessly with a diverse international developer team, fostering effective communication and teamwork across borders, and enhancing my ability to work in a global and multicultural environment.

<b>Frontend Engineer</b> Mad Street Den	<b>10/2021 - 08/2023</b>
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- Developed and maintained a demo website, significantly enhancing customer engagement and showcasing the product effectively to potential clients.
- Managed backend API integration and frontend development, delivering **seamless user experiences**.
- Engineered and implemented new features, contributing to a **50% increase** in the product's revenue.
- Collaborated with **cross-functional** teams, improving my skills in time management and organizational efficiency.
- Proficient in advanced technologies like **React JS, Django, JavaScript, and Python**, applying them effectively in various project scenarios.
- Utilized **Jest** for robust unit and integration tests, ensuring frontend code reliability and enhancing product quality and user satisfaction.
- Implemented Agile methodologies in project management, utilizing Jira to track progress and ensure efficient project delivery within deadlines.
- Trained and mentored new hires in industry-standard coding practices, substantially improving **development efficiency**.
- Conducted regular code reviews, providing feedback to ensure high code quality and adherence to best practices.
- Implemented **Storybook** to thoroughly document all components, enhancing collaboration and understanding of frontend architecture for developers and stakeholders.

## Software Development Intern

07/2021 - 10/2021

Mad Street Den

- Learned and applied multiple threading and concurrency techniques in software development, understanding their impacts on application performance and reliability.
- Gained proficiency in modern UI technology React JS, developing user-friendly interfaces for several projects.
- Played a key role in the design phase of a new product concept, creating mock designs and wireframes. Collaborated with the design team to refine these concepts based on user feedback and usability studies.
- Contributed to the development of **Vue Ai**, which contributed to more than 50% of the company's revenue.
- Enhanced my skills in communication and **problem-solving** through hands-on experience in a dynamic development environment.

## Fullstack Engineer Intern

01/2021 - 07/2021

Vidgyor Media Technologies

- Engineered a full-stack application resulting in a **50% reduction** in manual advertisement monitoring efforts.
- Utilized **React JS** for the user interface development, **Node JS** with **Express JS** for the backend server implementation, **MongoDB** for storing and managing the data, complemented by Python for automation purposes, and Ubuntu as the hosting environment for the website.
- Accumulated expertise in the agile development process and managing tasks while working on a team.

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## ACADEMIC PROJECTS

### KILL A WATT (SMART METER)

01/2019 - 05/2019

- Led the IoT team of the project.
- Dealt with challenges and complex use cases in the project.
- Worked with FIREBASE cloud storage.

### TALENT CRACKER - Placement Assistance App

10/2020 - 02/2021

- Worked with **React Js** for the front end and DOM changes.
- Used **Node Js**, and **Postgres SQL** for the backend.

### Trade Card - Coupons trading App

09/2023 - 12/2023

- Led the Frontend team in technologies **React JS**, **HTML**, and **CSS**.
- Developed backend APIs in **TDD** approach using **Spring** and **Java**.

### GitScope - A GitHub analyzer Application

01/2024 - Present

- Developed a tool using **React JS** and **D3.js** to analyze commits, pull requests and other project activities.
- Implemented interactive visualizations, offering insights into project development trends and fostering a deeper understanding of GitHub repository dynamics.
- Integrated the **GitHub API** to fetch real-time data, enabling up-to-date and accurate analytics for informed decision-making in software development projects.

### NutriNova - A Health Management Application

01/2024 - Present

- Developed the application using **Vue JS** and **Spring Java**, ensuring seamless user experience and efficient data processing.
- Implemented **MongoDB** for storage, optimizing data handling and retrieval within the application.
- Utilized AWS services like **Amazon Cognito** for secure user authentication and authorization, enhancing the app's privacy features, and **Amazon EC2** for scalable and reliable application hosting.

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## ACHIEVEMENTS

- **First** place in the Pop91 Innovation Challenge conducted IOT Congress in Bangalore.
  - **First** place in the MozoHack 24-hr hackathon conducted by SRM Institute of Technology, Katangaluthur, Chennai.
  - Selected for the final round of **Smart India Hackathon 2019**(36-hrs Hackathon) conducted by the Government of India at Kolkatta, West Bengal.
  - **First** place in the SVCE Innovates 2019 project presentation on Research Day. Member of Web Team of ACE, SVCE, 2020-21
  - Selected for the Final round of **Bhopal SmartCity Hackathon 2.0**, 2019 at Bhopal conducted by B-Nest Foundation, Bhopal.
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