

# Raja Kathireshh Chidambaram

Sudbury, ON

rajakathireshhchidambaram@gmail.com (249) 979-3141

[www.linkedin.com/in/rajakathireshh/](https://www.linkedin.com/in/rajakathireshh/)

[www.github.com/RajaKathireshh/](https://www.github.com/RajaKathireshh/)

## CAREER SUMMARY

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- A Software Engineer with a strong desire to improve Software Development and Cloud Technology skills with strong understanding in Algorithms, DevOps and Cloud Services.
- Proficient in visualizing full stack application development and writing well-detailed codes, designing highly scalable cloud infrastructure in a cross-functioning team environment to identify, analyze complex problems, and complete tasks on time.

## SKILLS AND TECHNOLOGIES

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- **Web** (Html5, CSS4, Bootstrap, **Javascript**, API Integration), **SQL** (**MySQL**, **NoSQL**, **PostgreSQL**, MongoDB)
- **Frameworks**( **React**, **Angular**, Next.js, Express.js)
- **Containerization**( Docker, Kubernetes), Cloud( **AWS**, Azure)
- **Git**, **Jira**, **Jenkins**, **CI/CD**, **Agile/Scrum Software Development**, **REST APIs**, **Data Structure**
- **Programming** (**Python**, **Java**, C++, C)
- **Visual Studio Code**, **Jupyter**, Eclipse, MS Office, MS Word, **Excel**, **PowerPoint**, MS Project, **Confluence**

## PROFESSIONAL WORK EXPERIENCE

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**Software Engineer, e-con Systems**, Chennai, IN

March 2022 – Aug 2023

- Demonstrated expertise in **Full Stack development**, utilizing **Angular** and **Java** for building the **ERP** system.
- Achieved **AWS** cost reduction by **65%** through infrastructure optimization and efficient resource utilization strategies.
- Efficiently managed **MySQL** databases, **halving** data retrieval time and enabling seamless storage, retrieval, and management within the ERP.
- Collaborated closely with **cross-functional** teams to gather requirements, design features, and deliver solutions that streamlined business processes.
- Maintained version control and code quality through proficient use of **Git**, ensuring a collaborative and organized development environment.
- Designed and implemented **RESTful** APIs to facilitate seamless communication between different modules of the ERP system.
- Provided guidance and mentorship to junior developers, fostering skill development and **knowledge** sharing within the team.

**Software Engineer Intern, Vortex Engineering Pvt Ltd**, Chennai, IN

Nov 2020 - March 2021

- Developed a face detection application using **OpenCV** to accurately detect and analyze faces in real time.
- Collaborated with a team of developers to optimize the application's performance by **15%**.
- Leveraged Python libraries to **automate** the transcription process and generate PDF documents, reducing significant **man-hours**.
- Designed and developed a graphical user interface (GUI) using Python's **Tkinter** library.
- Played a key role in the software **testing** phase, ensuring the quality and reliability of applications.
- Designed and executed test cases to validate software functionality, performance, and usability.

## EDUCATION

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• **MSc Computational Sciences, Laurentian University**, Ontario, CA  
Study In-progress

Sep 2023 – Present

• **Bachelors in Computer Science & Engineering, Anna University**, Chennai, IN  
GPA: 3.6/4.0

Aug 2017 – June 2021