

Raja Kathireshh Chidambaram

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CAREER SUMMARY

- A Software Engineer with a robust eagerness to advance Software Development and Cloud Technology skills, possessing a strong understanding of **Algorithms**, **DevOps**, and **Cloud Services**.
- **Architect** and **develop** robust, scalable **full-stack** applications, visualizing the entire development process from concept to deployment. Ensuring timely delivery of the task with highest accuracy.

SKILLS AND TECHNOLOGIES

- **Web Development:** HTML5, CSS4, Bootstrap, JavaScript, API Integration
- **Databases:** MySQL, NoSQL, PostgreSQL, MongoDB
- **Frameworks & Libraries:** React, Angular, Next.js, Express.js
- **Containerization & Cloud:** Docker, Kubernetes, AWS, Azure
- **Version Control & CI/CD:** Git, Jenkins, CI/CD Pipelines
- **Project Management & Agile:** Jira, Agile/Scrum Methodologies, Confluence
- **Software Development:** REST APIs, Data Structures & Algorithms
- **Programming Languages:** Python, Java, C++, C, Go, Rust
- **Tools & Platforms:** Visual Studio Code, Jupyter Notebook, Eclipse, MS Office (Word, Excel, PowerPoint)

PROFESSIONAL WORK EXPERIENCE

- Software Engineer, e-con Systems Pvt Ltd, Chennai, IN** March 2021 - Aug 2023
- Demonstrated expertise in **Full Stack development**, utilizing **Angular** and **Java** for building an **ERP** system.
 - Achieved **AWS** cost reduction by **65%** through infrastructure **optimization** and resource utilization strategies.
 - Efficiently managed **MySQL** databases, **halving** data retrieval time and enabling seamless **storage, retrieval**, and data management.
 - 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, resulting in a **60% improvement** in application's performance.
 - 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

- **MSc Computational Sciences, Laurentian University, Ontario, CA** Sep 2023 - Dec 2024
- **Bachelors in Computer Science & Engineering, Anna University, Chennai, IN** Aug 2017 - June 2021