

# BALAJI RAJARAM

+91 6369737207

[r.balaji2250@gmail.com](mailto:r.balaji2250@gmail.com) ♦ Balaji R

## EXPERIENCE

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### Software Developer - (Full Time)

Jun 2021 - present

#### Tata Consultancy Services

Chennai, IN

Lead the efficiency of backend processes and the creation of automation and cutting-edge technology in collaborative teams, streamlining business processes and delivering significant results (Languages : NodeJS, ReactJS, Python, HTML, CSS, Blender), (Technology: HPC, Metaverse, GenerativeAI, Automation)

- Developed and maintained Node.js backend for high-performance computing tasks.
- Achieved 25% reduction in manual image sourcing time through Python automation project.
- Integrated external APIs into React-based web portal, ensuring smooth operation.
- Contributed to the understanding of metaverse technologies within the team, contributing to a 20% improvement in team proficiency.
- Participated in generative AI projects, fostering a 25% increase in project creativity and innovation.
- Contributed to a significant 30% increase in project efficiency through streamlined processes and agile methodologies.

### Backend Developer - (Internship)

Sep 2020 - Mar 2021

#### VScaleup

Puducherry, IN

On backend development management I reduced onboarding process, enhanced Node.js APIs for apps. and excelled in improving performance through aggregate pipeline optimization( Language: NodeJS, Database: MongoDB )

- Specialized in optimizing Node.js APIs for diverse applications.
- Effectively oversaw a large user base, putting in place efficient onboarding procedures for more than 300k users
- Leveraged aggregation pipeline optimization to enhance system performance by 30%.

### Software Developer - (Internship)

May 2020 - Aug 2020

#### Tata Consultancy Services

Chennai, IN

Developed a call center gateway that allows audio calls to be made directly from the internet and improves user experience by retrieving user details in an easy-to-use manner. (Languages: NodeJS, ReactJS), (Database: MongoDB), (Technology: Twilio)

- Designed and implemented a call center portal, enabling voice calls on the website and improving user experience through seamless user detail retrieval.
- Enabled voice calls directly on the website to enhance user engagement and accessibility.
- Seamlessly integrated functionality to retrieve user details, resulting in a 25% improvement in overall user experience and efficiency.

## EDUCATION

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### Sri Manakula Vinayagar Engineering College

2017 - 2021

Bachelor of computer science ( 7.98 CGPA )

Puducherry, IN

## SKILLS

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### Programing languages

C, C++, python, Javascript, HTML/CSS, Solidity

### Framework and library

NodeJS, ReactJS, ExpressJS, TailwindCSS

### Tools

Postman, Git, MongoDBCompass, Figma, Blender, Swagger

### Database

MongoDB