



# PRATHAP SELVAKUMAR

## SOFTWARE ENGINEER

### CONTACT

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[Linkedin](#)

[My Portfolio](#)

### SKILLS

- PYTHON
- HTML and CSS
- Reactjs
- Nodejs
- SQL
- Big Data analytics

### EDUCATION

**10TH**  
**SRM PUBLIC SCHOOL(CBSE)**  
2017-2018

**12TH**  
**SRM PUBLIC SCHOOL(CBSE)**  
2019-2020

**BTECH-CSE**  
**SRM IST RAMAPURAM**  
2020-2024

### SCORES

\*GAIP GRADE - A

### WORKSHOPS

- Office Master on Power BI

### PROFILE

Experienced Front-End Developer with a focus on building intuitive, data-driven web applications. Skilled in React.js and Node.js, creating seamless user experiences with optimized performance. Passionate about enhancing workflows and bridging UI/UX with scalable engineering solutions.

### WORK EXPERIENCE

**Software Engineer** 2024-Present  
C-SQUARE Info Solutions

#### Technical Skills:

- Proficient in front-end development using React.js, with a strong understanding of component-based architecture
- Experience in building and optimizing dynamic, high-performance web applications
- Hands-on expertise in deploying React applications using cloud and containerized environments
- Strong understanding of state management, performance optimization, and responsive design
- Skilled in integrating APIs, handling real-time data, and ensuring seamless user interactions
- Knowledge of database interactions, including SQL and NoSQL systems
- Experience in mentoring junior developers on best practices in React.js and Node.js development

### INTERNSHIP COMPLETED

- Python Developer - **C-SQUARE (A subsidiary of Reliance Retail Ltd)**
- \*GAIP-Big Data Analytics using deep learning - **National University of Singapore**
- \*GAIP-Big Data Analytics using deep learning - **Amazon**
- AI/ML - **Qentelli**

### PUBLICATIONS

- Comparative Analysis Implementation of Queuing Songs in Players Using Audio Clustering Algorithm - **Published in IGI Global Publication.**

### WEBINAR CONDUCTED

- Data-Driven Insights: Harnessing Machine Learning for Predictive Analytics
- From Data to Decisions: Building Scalable Data Science Pipelines
- AI in Action: Real-World Applications of Machine Learning Across Industries

### PROJECTS

- **Capstone Project** : Marvin Social Media Chatbot
- **GAIP Project** : Agro Analytics
- **Seventh Semester Project** : Snake Detection in Farm Land
- **Fifth Semester Project** : Audio Search Engine