

# Arunkumar Thangam

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## PROFESSIONAL SUMMARY

Results-driven software developer with a strong foundation in computer science, programming, and problem-solving. Proficient in Java, Python, and JavaScript, with expertise in web technologies like React.js, REST APIs, and databases (MySQL, PostgreSQL). Adept at developing full-stack applications and AI-powered solutions. Passionate about building efficient, scalable, and innovative software solutions.

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, JavaScript

**Web Technologies:** React.js, HTML, CSS, REST APIs

**Databases:** MySQL, PostgreSQL

**Development Tools & IDEs:** VS Code, IntelliJ IDEA, Git, Postman

**Software Development Concepts:** Object-Oriented Programming (OOP), Data Structures & Algorithms, Problem-solving

## WORK EXPERIENCE

### Alumni Coordinator

Kumaraguru College of Technology

Oct 2022 – May 2024

Coimbatore, India

- Led and coordinated alumni engagement programs to strengthen relationships with former students.
- Organized networking events, guest lectures, and career mentoring sessions.
- Managed digital communication channels for alumni interaction.

### NSS Member

Ayya Nadar Janaki Ammal College

Dec 2019 – June 2022

Sivakasi, Virudhunagar

- Participated in community service initiatives, including environmental campaigns and educational programs.
- Led volunteer groups in organizing blood donation camps and health awareness drives.
- Developed leadership and teamwork skills through coordinated social work.

## PROJECTS

### AI-Powered Bulk Resume Analyzer for HR

- Developed an AI-driven tool to analyze 100+ resumes simultaneously, providing ATS-friendly match scores.
- Implemented resume parsing using NLP and OpenAI's GPT to extract key insights.
- Integrated PostgreSQL/MongoDB for scalable data storage.

### PicStream - Image Bulk Downloader

- Built a Windows-based application using Python, enabling bulk image downloads with minimal user effort.
- Optimized performance through API integration, threading, and asyncio.
- Designed a user-friendly GUI with Tkinter for seamless interaction.

## EDUCATION

### Master of Computer Applications (MCA)

Kumaraguru College of Technology

2024

Coimbatore – GPA: 8.18

### Bachelor of Science (B.Sc.) in Mathematics

Ayya Nadar Janaki Ammal College

2022

Sivakasi, Virudhunagar – GPA: 7.81

## CERTIFICATIONS

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- SQL and Relational Databases 101 – Issued 07/01/2024 – Credential ID: f47926871b6b4a99a58246e1b1450088
- Java (Basics) – Issued 21/02/2025 – Credential ID: b3b2909f01ad

## LANGUAGES

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- Tamil: Native Speaker
- English: Upper Intermediate (B2)

## ADDITIONAL INFORMATION

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- Portfolio: <https://github.com/arunkumarthangam>
- Competitive Programming: Active on LeetCode solving DSA challenges.
- Interest Areas: AI-powered applications, Web Development, and Problem-Solving.