

# ARIVAZHAGAN G

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## About Me

I am an Artificial Intelligence and Data Science undergraduate with a strong interest in machine learning, data analysis, and AI-driven applications. I enjoy solving real-world problems using data and technology. With hands-on experience in Python, SQL, and OCR-based projects, I am continuously learning and improving my technical and analytical skills to build practical and scalable solutions.

## Education

(2024 – 2027)

**BANNARI AMMAN  
INSTITUTE OF TECHNOLOGY**

CGPA (UP TO VI) : 5.57

(2019 – 2022)

**SAKTHI POLYTECHNIC  
COLLEGE**

PRECENTAGE : 86.70 %

(2018 – 2019)

**GOVT HR SCHOOL**

PRECENTAGE : 65%

## Skills

- Python Programming
- Machine Learning
- Teamwork
- Problem sloving
- Web Development
- Data Analysis
- Time Management

## Soft Skills

- Strong problem-solving and analytical thinking
- Effective communication and presentation skills
- Good time management and task prioritization
- Teamwork and collaboration ability
- Quick learner with adaptability to new environments

## Skill summary

- Strong knowledge of Python and SQL for data analysis and application development
- Understanding of machine learning and artificial intelligence fundamentals
- Experience in data visualization using Excel, Matplotlib, and Power BI (Basic)
- Familiar with web development using HTML, CSS, JavaScript, and React.js
- Good problem-solving ability, time management, and adaptability

## LANGUAGE

- Tamil
- English

## Projects

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### Expense Manager (Full-Stack Project)

- Developed a full-stack MERN application to track and manage user income and expenses.
- Built a responsive React frontend with Node.js, Express.js backend and MongoDB database.

### Handwritten Notes Extractor (AI Project)

- Developed an OCR-based system using Python to convert handwritten notes into editable digital text.
- Applied image preprocessing techniques to improve text recognition accuracy.

### Expense Manager (Full-Stack Project)

- Developed a full-stack expense tracking application to manage income and expenses using the MERN stack.
- Built a responsive React frontend with Node.js and Express.js backend, and MongoDB for data storage.

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## Certifications

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- Cybersecurity – Tech Mahindra Foundation (Skill India Digital Hub)
- Program in Cyber Awareness – AI Basic – NIIT Foundation (Skill India Digital Hub)

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## Tools & Technologies

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- Tools & Technologies: Python, Jupyter Notebook, VS Code, Git, GitHub, MongoDB, Postman, Power BI

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## Career Objective

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- Aspiring AI and Full-Stack Developer seeking an entry-level role to apply problem-solving and development skills in real-world applications.

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## Declaration

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- I hereby declare that the above-mentioned information is true and correct to the best of my knowledge and belief.