

# DEEPAK SARAVANAN

## Software Developer

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📍 Chennai, India



## SUMMARY

A strong passion for joining a company dedicated to leveraging cutting-edge software solutions can be felt. Extensive knowledge in Python development, backed by significant experience in enhancing efficiency through digital automation, aligns well with company goals. Demonstrated proficiency in real-world applications and a commitment to improving processes, particularly in backend development. Eager to contribute to impactful technological advancements, drawing from a successful track record in software projects and innovative AI and IoT solutions.

## EXPERIENCE

### Backend Developer

#### M/s. Sandron Impex Private Limited

📅 03/2023 - 08/2023    📍 Bangalore, India

A company focusing on digital and automated solutions, enhancing efficiency in document management

- Developed a full-stack Automated PDF Processing System using Flask, JavaScript, HTML, and CSS to streamline government bill processing
- Designed a backend solution to automatically fetch PDFs from emails, validate them against predefined criteria, and extract structured data
- Implemented a database-driven architecture using MySQL to store extracted data, enabling seamless data retrieval and Excel export
- Ensured workflow automation, significantly improving processing efficiency

### Software Trainer

#### M/s. CADD School

📅 03/2025 - 08/2025    📍 Chennai, India

An educational institution focusing on training in software development and design

- Conducted training sessions on Python, Java, and C focusing on programming fundamentals
- Designed and delivered hands-on workshops and real-world projects to enhance practical skills
- Mentored students and professionals, preparing them for industry-ready software development roles

## EDUCATION

### Senior Secondary (Class 12)

#### Vidhya Matric HR Sec School

📅 05/2021 - 05/2022    📍 Chennai, India

### B.TECH - Artificial Intelligence and Data Science

#### Rajalakshmi Engineering College

📅 05/2022 - 05/2026    📍 Chennai, India

## STRENGTHS



### Technical Skills Proficiency

Innovative

Driven

Adaptable

Analytical

Collaborative

Resourceful

Proactive

Resilient

Detail-oriented

Efficient

## KEY ACHIEVEMENTS



### Technical Excellence and Prizes

Awarded **First Prize** in Paper Presentation at Sairam Engineering College for outstanding technical content and presentation skills.

Won **First Prize** in Swift-a-Thon, a coding competition hosted by Sairam Engineering College.

Secured **First Prize** in CodeCraft, a programming event at Sairam Engineering College.

Received a **Special Prize** in Hack Hustle, organized by Saveetha Engineering College.

Achieved **Runner-up** position in the Ingenium Hackathon held at NIT Trichy.

Awarded **Second Prize** in Ultron Hackathon at SRM Kattankulathur.



### Improved Efficiency

Reduced PDF processing time by 50% with automated system for Sandron Impex.

## LANGUAGES

English	
Proficient	<div><div></div><div></div><div></div><div></div><div></div></div>
Tamil	
Native	<div><div></div><div></div><div></div><div></div><div></div></div>

## KEY ACHIEVEMENTS

<div></div>	<div>Successful Training</div> <div>Trained over 200 students in advanced programming, achieving 95% course completion rate.</div>
<div></div>	<div>Innovative Development</div> <div>Designed AI reading assistant, increasing accessibility for 1,000 dyslexic students monthly.</div>
<div></div>	<div>Enhanced Healthcare Access</div> <div>Developed IoT monitoring system, reducing patient care response time by 20% at local clinics.</div>

## SKILLS

Android Studio	Blockchain	
C/C++	CSS	Data Structures
Edge Computing	Flask	Git
Google Firebase	HTML	IoT
Java	JavaScript	JIRA
MongoDB	Microsoft Power BI	
PostgreSQL	Python	React
Swift	Tableau	Node.js
Versatile	Gmail	