

# AKASH SWAMY

Software Developer | Web Applications | Backend Solutions

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## SUMMARY

Ambitious and technically adept Python Full Stack Developer with over 4+ years of industry experience, specializing in React and Django development. My career is marked by a track record of building robust systems that enhance user interface and experience, achieving a 99.9% uptime for business-critical applications, and notably improving system efficiencies. Eager to develop SIGMA's next-generation assessment platform.

## EXPERIENCE

### Software Developer

#### Avantech Webgrid

📅 Jun 2020 - Present 📍 Madhura Nagar, Hyderabad

- Successfully led the development of a scalable web application, boosting user capacity by 40% and greatly improving customer experience.
- Collaborated with a cross-functional team to integrate machine learning algorithms, leading to a 25% enhancement in data processing efficiency.
- Pioneered the implementation of a new RESTful API, which streamlined data retrieval processes and bolstered overall system performance.
- Wrote custom Python scripts for data manipulation that saved the company approximately 15 hours of manual work per week.

## PROJECTS

### Trolley Karo (E-commers)

Developed a comprehensive e-commerce solution using Python, encompassing three mobile apps, a web app, and an administrative interface. Involved in backend development with API integrations and payment gateways - Python (Django),Flutter, Mysql, Html, Css.

### Svindo (E-commers)

Developed a comprehensive e-commerce solution comprising two mobile apps, a web page, and an administrative interface, with backend development including API integrations and payment gateway implementations - Php (Codeigniter 3),Flutter, Mysql, Html, Css.

### Nutsby

Developed a fitness-centric project featuring a Flutter mobile app, a React web page, and an administrative interface, optimizing user engagement and operational efficiency - Python (Django), Php (Codeigniter 3), Flutter, MySQL, ReactJs.

## KEY ACHIEVEMENTS



### Customized Decorators and JWT (JSON Web Tokens)

**Customized Decorators:** Implemented tailored Python decorators to streamline code functionality and enforce standards across projects.  
**JWT (JSON Web Tokens):** Developed customized JWT solutions to enhance web application security and authentication, optimizing integration with microservices architecture.



### Web scraping

Implemented Python-based web scraping scripts to automate data extraction from various websites, enhancing data collection efficiency for analytical purposes by up to 60%



### Data Manipulation with NumPy and Pandas

Utilized NumPy and Pandas for efficient data manipulation, analysis, and visualization in Python projects, ensuring robust dataset handling and insightful interpretation

## EDUCATION

### Bachelor's Degree in Computer Science

#### TKR College of Engineering & Technology

📅 06/2015 - 03/2019 📍 Meerpet, Hyderabad

## SKILLS

Python

Django

React

JSX

JavaScript

SQL

PHP

Codeigniter

Rest Api

## SOFT SKILLS



### Communication

Clear and effective communication skills for collaborating with team members and stakeholders.



### Problem-Solving

Strong analytical and problem-solving abilities to address technical challenges and optimize solutions



### Time Management

Effective time management skills to prioritize tasks and meet deadlines consistently.



### Teamwork

Ability to work collaboratively in cross-functional teams to achieve project goals.



### Creativity

- Innovative thinking to propose and implement creative solutions to technical problems.