

Contact

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Top Skills

Optical Character Recognition (OCR)

Python

Artificial Intelligence (AI)

Certifications

AMCAT Certified Proficiency in English

AMCAT Certified in English Comprehension

AMCAT Certified Software Development Trainee

AMCAT Certified Collections Specialist

AMCAT Certified Data Processing Specialist

Honors-Awards

Doing the right thing, the right way - Best Employee

Always striving, never settling - employee engagement activity

Publications

Contour Detection for Identification of lines and character positions in Sanskrit Manuscripts - Computational Linguistic

shreyansh Dwivedi

Cognizant (FSE) - Python Developer | Ex - semsite (Secure Meters Limited) | Python | Tesseract | OCR | OpenCV | Deep learning | LSTM | Django | Agile Methodology | Microsoft Technology | Lawyer | Legal Professional |

Pune, Maharashtra, India

Summary

Experienced Web Developer with a demonstrated history of working in the information technology and services industry. Hard-working developer and AI enthusiast with a flair for creating elegant solutions efficiently. Developed various web and desktop applications and engaged in research and development. Skilled in Tesseract, Image Processing, OCR, Django, Python, Agile Methodology, .NET MVC Framework, .NET Core Web API, Angular 14, Azure Cloud, and SQL. Also proficient in public speaking. Holds an LLB degree and is proud to be addressed as a Lawyer.

Experience

Cognizant

Software Engineer - Django

September 2022 - Present

Pune, Maharashtra, India

Working for KPN (Netherlands) as a client.

Responsibilities:

Developing and maintaining RESTful APIs using Django REST Framework.

Ensuring data security through encryption and compression techniques.

Writing unit tests and ensuring code quality.

Discussing and arranging data from different teams and resolving dependencies for developing APIs and creating stories.

Managing production deployments through Katka.

Monitoring and troubleshooting production issues to ensure system stability.

Implementing CI/CD pipelines to automate the deployment process.

Conducting code reviews and providing feedback to team members.

Documenting API specifications and maintaining technical documentation.

Secure Meters Limited

2 years 10 months

Software Developer - AI (Promoted to executive 2)

April 2022 - August 2022 (5 months)

Udaipur, Rajasthan, India

Software Developer - AI

November 2019 - August 2022 (2 years 10 months)

Udaipur Area, India

Work for Dharohar client along with Vaidika Samshodha Mandala (under the Ministry of Education, India) and the British Library.

Responsibilities:

Creating a Sanskrit language model to read text written in 39 volumes of VSM and 15,000 handwritten manuscripts (Pandulipis) to identify the number of characters and lines in various manuscript structures (e.g., leaf, palm leaves, stones) of any size and shape.

Image processing for generating good quality of image data.

Generating structured data from a variety of manuscript data, with the first level of structuring based on properties and the second level based on the content written.

Fine-tuning the Tesseract LSTM (Long-short term memory) language model for OCR (Optical Character Recognition) of manuscripts.

Producing structured data for further use in NLP (Natural Language Processing) rule-based systems.

Creating the Complete Data and process pipeline for executing and extracting meaningful data.

Five Splash

Software Developer - Dot Net - AI

November 2018 - November 2019 (1 year 1 month)

Udaipur, Rajasthan, India

Work:

Create a Data processing pipeline for reading the data from the various documents form and invoices.

Responsibilities:

Generating the Automatic process pipeline for categorizing the invoices form structure.

Structuring the Data and reading the information from the input invoices.

Reading the Data from Handwritten text in the invoices.

Creating the Business Logic for IBAN Checksum number and validate the invoices.

Storing the structure data in excel files

Ensured data accuracy and consistency through validation checks.
Integrated the pipeline with existing systems for seamless data flow.

Kansoft Solutions Pvt. Ltd. (KAN Software)

Web Software Developer - MVC Dot Net

May 2017 - November 2018 (1 year 7 months)

Udaipur Area, India

Work:

Created various web applications, including e-commerce platforms and management applications such as Learning Management System (LMS) and Transport Management System (TMS).

Responsibilities:

Developed dynamic and responsive web pages using Angular.

Designed and implemented SOAP and RESTful APIs using MVC .NET.

Integrated front-end components with back-end services to ensure seamless functionality.

Ensured application security and data integrity through proper authentication and authorization mechanisms.

Conducted unit testing and debugging to maintain code quality and performance.

Rajasthan State Mines & Minerals Ltd - India

trainee

May 2015 - July 2015 (3 months)

under the project of Wind Power Management System for a period of 60 days
(29th May to 29th July)

Education

Mohanlal Sukhadia University

Bachelor of Laws - LLB, Law · (June 2019 - July 2023)

Jaipur Engineering College and Research Centre (JECRC)

Bachelor's degree, Computer Science · (2012 - 2016)

Central Academy sardarpura ,sr. sec. school

HSSC, Computer Science · (2011 - 2012)

central academy sardarpura

SSC, science and chemistry · (2009 - 2010)