

ABHYUDAY PRATAP SINGH

FULL STACK DEVELOPER

PERSONAL DATA

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WORK EXPERIENCE

DEC 2019 - PRESENT	<div>Full Stack Developer at GECKOMATICS</div> <ul style="list-style-type: none">• Implemented labelling tool required for object detection and to improve mapping of the objects. Tech Stack - Flask, Threejs, Vuejs• Researching and developing point-cloud viewer for the web application. Tech Stack - Flask, Threejs, PostgreSQL• Created analytics dashboard for clients to view the metrics of detected objects.
NOV 2017- DEC 2019	<div>Software Engineer at ESSENTIA SOFTSERV</div> <ul style="list-style-type: none">• Rebuild the client's existing project into microservice architecture. Developed the project following Single responsibility principle. Tech Stack - Django, DRF, Javascript, HTML and CSS• Automation of handling sensitive medical data and designing the infrastructure of the application.• Created in house project for tracking tasks and team progress. Tech Stack - Django, DRF and VueJS.• Developed project with RESTful API architecture that was consumed by web and android, and keeping the code portable. Deployed the project on AWS.
JUN 2016-OCT 2017	<div>Backend Developer at NEURON</div> <ul style="list-style-type: none">• Developed a personal assistant mobile app Genie that reserves/books flight tickets, movies and other entertainment for the user. Tech Stack - Django, DRF.• Developed an interactive Chatbot integrated with NLP platform.• Worked on REST APIs for company's NLP platform.• Responsible for backend development and designing of company's website and deploying it on Azure.

TECHNICAL SKILLS

Programming Languages	Python, Javascript
Databases	PostgreSQL, MongoDB, MySQL
Frameworks/ Libraries	Django, Flask, DRF, Celery, Pandas, NumPy.
Devops	Ansible, Terraform, Nginx, Gunicorn, AWS, GCP
Tools	Git, Jupyter-notebook, Docker
Payment Gateway	Instamojo, Razorpay, Stripe.

PROJECTS

PROJECT	Geckomatics Labelling tool	2020
COMPANY	Geckomatics	
TECHSTACK	Flask, Threejs, VueJs	
DESCRIPTION	Created labelling tool for web app to label the objects manually on images and on point-cloud, editing feature was added to improve automated labelling done by machine learning algorithms. The labelling helped the team to deliver the first project to clients on time and improved the mapping results significantly.	
PROJECT	Heimdall	2019
COMPANY	Essentia SoftServ	
TECHSTACK	Django, PostgreSQL, Celery, Terraform	
DESCRIPTION	Heimdall is software application for automation of human intervention with sensitive medical data. The software prioritize the tasks based on in-house priority algorithm . The infrastructure is created using terraform to increase the productivity and transparency.	
PROJECT	DoneBox	2018
COMPANY	Essentia SoftServ	
TECHSTACK	Django, DRF, PostgreSQL, Vuejs	
DESCRIPTION	DoneBox is team progress tracking software.The software was required to decrease the operating cost of the remote team. Donebox has organisation-team-users hierarchy, each team can have members who will make daily progress updates. Each tasks can be marked as done/in progress/blocker.It also generates monthly reports of every team. Integrated features like assigning tasks ,comments and likes on tasks, changing the state of the tasks.	
PROJECT	Datahack Platform	2018
COMPANY	Essentia SoftServ	
TECHSTACK	Django, Javascript, PostgreSQL, Celery	
DESCRIPTION	I was assigned with task of rebuilding the client's existing project.Main objective being highly maintainable and testable project. I developed project following microservice architecture and Single responsibility principle. The task also involved developing APIs for the project which interact with various platforms.	
PROJECT	Genie Mobile App	2017
COMPANY	Neuron	
TECHSTACK	Django, DRF, PostgreSQL	
DESCRIPTION	I needed to develop backend for an Android app which brings in various services on one single platform. The app backend was built with Django based on RESTful APIs using DRF. Company's NLP platform was integrated with chat feature, where users can make queries for booking various services on the app.	

EDUCATION

PERIOD	August 2012 — May 2016		
DEGREE	Bachelor of Computer Science and Engineering		
UNIVERSITY	Shri Mata Vaishno Devi University		Katra, India
PERIOD	April 2010 — March 2012		
DEGREE	Senior Secondary		
SCHOOL	Chirec Public School		Hyderabad, India

LANGUAGES

English: Proficient