

# VAMSHIDHAR REDDY BEECHARLA

Software Engineer

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India

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516203



## WORK EXPERIENCE

### Software Engineer

Smallday IT Services Pvt Ltd,

12/2021 - Present, Bangalore

Project: CodeX - Online Coding Assessment Platform

- Designed and developed key components of an innovative online coding assessment platform using Python, Django, jQuery, and Ajax.
  - Collaborated seamlessly with cross-functional teams to gather requirements, design features, and ensure a user-friendly experience for candidates and administrators.
  - Leveraged AWS services to deploy, manage, and optimize application performance, ensuring high scalability and reliability.
  - Conducted thorough code reviews, offering valuable feedback to enhance code quality and maintain coding standards.
  - Implemented rigorous unit tests and rigorous debugging procedures, guaranteeing the delivery of robust and bug-free code.
  - Enhanced data privacy and overall security measures by successfully configuring SSL certificates in Nginx for securing the application's DNS.
- Project link "[codex.smalldaytech.com](https://codex.smalldaytech.com)"

### Internship

Smallday IT Services Pvt Ltd

11/2021 - 12/2021, Bangalore

Project: Online Aptitude Test

- Description: Developed a web-based aptitude test website using the Django framework. The application allowed users to take online aptitude tests and submit their answers. Results were visible only to the admin. Implemented the MVT design pattern and used an ORM-based MySQL database with multiple connected tables. Created two Django apps for modularity.

## PERSONAL PROFILE

Experienced Software Engineer specializing in backend development with Django. Proficient in Python for back-end functionality and interactions. Skilled in Docker for containerization and deploying applications using AWS services such as S3, EC2, and CodeDeploy. Adept at conducting unit testing for code reliability. Completed comprehensive training and internships, gaining hands-on experience in Python, Django, JavaScript, and MySQL. Strong problem-solving skills and a quick learner of new technologies. Collaborative team player with a passion for optimizing application components and adhering to industry-standard design patterns. Committed to delivering high-quality, scalable, and secure solutions.

## SKILLS

Python

Django

MySQL

AWS

Docker

HTML,CSS

ReactJs

Javascript,Ajax

## EDUCATION

MCA, Yogi Vemana University , Kadapa

08/2018 - 08/2021

ACADEMIC PROJECT:

- Technologies: Python, Django, MySQL (ORM), CSS, HTML, JavaScript, Bootstrap

- Software used: PyCharm, MySQL Workbench

## Internship

Palle Technologies

05/2021 - 11/2021, Bangalore

- Underwent 6-months hands-on training on Python Full Stack Development.
- Developed web applications using Django framework.
- Worked with HTML, HTML5, CSS for UI design and development.
- Utilized MySQL for database management.

## EXTRA-CIRCULAR ACTIVITIES

### ACHIEVEMENTS:

- Certificate of Participation (03/2019 – 03/2019) Participated in HighQ and Silver Bullet events in inspinno-19, Sri Sai College of IT & Management, Kadapa, Stood as WINNER in HighQ -- Test your wisdom(Technical Quiz) event in inspinno-19 (A National Level Techno-Management FORUM on 23 Mar 2019).
- Certificate of Participation (21-07-2020) Participated in Awareness Campaign on Cyber Crimes to AndhraPradesh State Skill Development Corporation (APSSDC)

### CO-CURRICULAR ACTIVITIES,

- Active participation in Seminars and Programs conducted in college.
- Project head for the team in the academic year.

Hybrid Cryptosystem Using Elliptic Curve Cryptography and Caesar Cipher

## LANGUAGES

English ● ● ● ● ●

Telugu ● ● ● ● ●

## LINKS

GitHub

LinkedIn

## COURSES

**Python,Django,MySql,  
Palle Technologies**

05/2021 - 11/2021

**Python, Edureka**

11/2022 - 12/2022

**Java, Maven, Spring boot, Docker, Ajax  
,Node JS,  
CDAC**

12/2021 - 03/2022