

# RAKESH S

Python Full Stack developer – Capgemini

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## Professional Experience

Python Full Stack Developer

Address: **Bangalore, Karnataka**

Capgemini | [Duration December 2022 – 2025][2 YEAR 2 MONTH]

## SKILLS

Languages: Python, JavaScript, SQL

Backend: Django, Flask, REST APIs

Frontend: HTML5, CSS3, Bootstrap

Version Control: Git, GitHub

Databases: MySQL, MongoDB

Tools/Platforms: Docker, Selenium

Others: Agile (Scrum), CI/CD

## Education

Bachelor of Engineering (B.E.) in Computer Science

BGS Institute of Technology, BG Nagara, Karnataka

2018 – 2022 | Aggregate CGPA: 7.7

## Pre-University Education (PUC)

Shantiniketan PU College

PCMC (Physics, Chemistry, Mathematics, Computer Science)

2016 – 2018 | Percentage: 79%

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## Work Experience

- Developed and maintained robust, scalable web applications using Python, Django, and Flask frameworks.
  - Designed responsive front-end interfaces with HTML5, CSS3, Bootstrap, and JavaScript frameworks like React.js or Vue.js.
  - Implemented RESTful APIs and integrated third-party services for seamless backend-to-frontend communication.
  - Utilized Git and GitHub/GitLab for version control and collaborative development.
  - Deployed applications on cloud platforms like AWS, Azure, or Heroku using Docker and CI/CD pipelines.
  - Wrote efficient SQL queries and managed databases like PostgreSQL, MySQL, and MongoDB.
  - Performed unit testing and debugging using PyTest, Selenium, and logging tools to ensure high-quality code.
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## Projects

1. I worked on a real-time weather detection website that leverages APIs to fetch live data. I played a major role in this project, contributing 30% to its development. Additionally, I successfully led the team, ensuring seamless collaboration and achieving project goals
2. I worked on a confidential application, focusing on backend development using Python. My contributions involved designing and implementing efficient logic that significantly reduced both time and cost

## Personal Project

1. I developed a website for farmers that predicts future weather conditions and provides recommendations on suitable crops to grow, leveraging AI and ML technologies. Built using Python and the Flask framework, this project reduced farmers' losses by up to 30%. I independently managed and executed the entire project from start to finish
2. My current project, which is 60% complete, involves creating a web application for a restaurant. The existing website lacked user-friendliness, was overly complicated, and relied on outdated technology. I am building the new application using modern technologies, including Python, Django framework, Bootstrap, CSS, HTML, and JavaScript, to deliver an enhanced user experience and updated functionality