

# Prathamesh Shingne

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 <https://github.com/w7Pratham/>

## Personal Summary

DevOps enthusiast skilled in Python and JavaScript, optimizing CI/CD pipelines using Jenkins, leveraging AWS and container technologies (Docker, Kubernetes). Builds web apps (Django, HTML/CSS) & holds relevant certifications. Eager to apply expertise to drive impactful solutions and innovation.

## Technical skills

Languages: Python, JavaScript, HTML, CSS, MySQL

Technology/Tools: Git, Bash Scripting, Jenkins, ITIL, Linux, Docker, Docker Compose, VPC, Docker Networking, Cloud Networking, Ansible, Terraform, Prometheus, Grafana, Kubernetes (Basic), Terraform (Basic), Ansible (Basic), Selenium Web Driver, Flask, Django.

## Experience

### Working – HSBC – Site Reliability Engineer – March/2024 - Currently

- > Delivered 300+ tasks and resolved incidents within 8 months, consistently meeting SLA targets (first response within 2 hours, resolution within 4 hours).
- > Achieved 90% SLA compliance by employing efficient debugging strategies and step-by-step issue resolution methodologies.
- > Automated 30+ manual processes, streamlining release workflows and improving operational efficiency using Linux scripting and SQL.
- > Enhanced system reliability by identifying and addressing potential issues, reducing downtime by 15%.
- > Technologies utilized: SQL, Linux, Shell Scripting, Automation Tools, SLA Management.

### Personal Project – Automated CI/CD with Jenkins ([GitHub](#)) - November/2023

- > Built a Docker-based CI/CD pipeline with interconnected containers, enabling streamlined deployment and automation across development and production environments.
- > Deployed CI/CD components across three servers (Jenkins for automation, Prometheus for monitoring, Grafana for visualization, and deployment services), achieving a 20% reduction in downtime through optimized orchestration.
- > Configured a Docker bridge network with static IPs, enabling seamless communication between CI/CD components.
- > Automated deployment workflows with Jenkins and integrated Prometheus for real-time monitoring, ensuring faster releases and issue resolution.

### Remote Internship – Wiley Edge – September to November 2023

- > Mastered AWS (EC2, S3, RDS, etc.), SDLC, and ITIL during the internship.
- > Worked on automating CI/CD pipelines with Jenkins, reducing downtime by 20% through streamlined deployment and integration.

- > Proficient in Linux, used Prometheus and Grafana for monitoring. Python skills were applied for scripting and automation, enhancing coding capabilities.

### Personal Project – Blog Web Application ([GitHub](#), [Live](#)) – July 2023

- > Developed a feature-rich blog web app using Django, including user authentication, CRUD for posts, and a user-friendly interface, demonstrating proficiency in web development and Django. The app's deployment highlighted skills in hosting and showcasing projects.
- > Technologies used: Django Framework, HTML, CSS, Bootstrap

### Personal Project – CRM Web Application ([GitHub](#), [Live](#)) – August 2023

- > Developed a comprehensive CRM web app featuring user authentication and robust record management tools. The app showcased ability to create efficient and user-focused web solutions, with a secure interface for data management.
- > Technologies used: Django Framework, HTML, CSS, Bootstrap

### Remote Internship – Verzeo – August to September 2022

- > Learning and implementation of Machine Learning with Python models.
- > Technologies used: Numpy, Pandas, Seaborn, Jupyter Notebook.

## Education

- > July 2019 to June 2023 – Shri Sant Gajanan Maharaj College of Engineering, Shegaon – B.Engg. (ENTC) – 7.7 CGPA
- > **Key Subjects** – Introduction to Python, Cryptography and Network Security, Computer Architecture, Computer Network
- > June 2018 to May 2019 – Shri Gurudeo Jr. College, Janephal – 12<sup>th</sup> Grade – 70.7 %
- > **Key Subjects** – Mathematics, English
- > June 2016 to May 2017 – Sahakar Vidya Mandir, DeMahi – 10<sup>th</sup> Grade – 91.4 %

## Additional Information

- > Engaged in competitive programming contests, contributing to open-source projects, exploring new technologies, and enjoying novel reading.
- > Certified in 'Programming for Everybody (Getting Started with Python)' by Coursera (2020), 'Using Python to Access Web Data' by Coursera (2020), 'Python Data Structures' by Coursera (2020), 'Programming with JavaScript' by Coursera (2023).