

PRAKASH PERUMANDLA

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SUMMARY

SRE and DevOps engineer with 3+ years of experience optimizing CI/CD pipelines and enhancing system reliability. Skilled in Python development and automating tasks to improve performance. Proficient in using tools like Ansible to streamline operations and meet business goals.

EDUCATION

B-TECH | National Institute Of Technology, Puducherry (NITPY) **Aug 2017 - May 2021**
CGPA- 7.22 | EQUIVALENT PERCENTILE- 72.2%

INTERMEDIATE | Rao's junior college **Aug 2015 - May 2017**
Marks - 961/1000 | EQUIVALENT PERCENTILE- 96.1%

WORK EXPERIENCE

TATA CONSULTANCY SERVICES **July 2021 - Present**

Project : SRE | STAPLES ADVANTAGE (RETAIL) From july-2021 to nov-2023

- Conducted continuous monitoring, incident management, and automated scripting to maintain system performance.
- Participated in bug bounty programs and managed alerts for proactive issue detection and resolution.
- Supported software releases, ensuring smooth deployment and post-release monitoring.
- Implemented automation with Ansible, reducing deployment times and enhancing consistency.
- Analyzed errors, identified system bottlenecks, and compiled postmortem reports to improve reliability.

Project : DEVOPS | BRITISH TELECOM From dec-2023 to present

- Created and meticulously maintained CI/CD pipelines for efficient and seamless deployments
 - Resolved complex server and pipeline issues, significantly enhancing system stability.
 - Developed comprehensive Ansible playbooks for automated system configurations.
 - Worked on various Python projects to effectively fulfill specific business requirements.
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INTERNSHIP

Iolar technologies pvt.ltd | Application Developer (python - django) (dec-2019 to sep-2020)

- Utilized Python Django framework in projects to create APIs
 - Implemented Django's model-view-template architecture for web development
 - Designed efficient database models collaboratively
 - Acquired proficiency with key DevOps tools: Docker, AWS, Git, CI practices, Automation
 - Strengthened Python, database management, and web development skills
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PROFESSIONAL SKILLS

- **Programming Languages:** Python (Object Oriented), Golang
- SRE, Site Reliability, automation runbooks, monitoring, incident management, SLA, SLO, SLI
- **Backend Frameworks:** Django, restAPI, graphQL
- **DataBase : SQL and NoSQL :** MySQL, Mongo, Redis(caching), PostgresDB
- **DevOps Tools, Agile Tools :** Docker (Containerization), GIT, Gitlab , Jenkins, Kubernetes, Shell/Bash Scripting, Linux, CI/CD, Jira, Confluence, Splunk, Terraform, Ansible, AWS, Azure
- **Certifications:** AZ-104 (Azure Administrative Associate)