Pratik Gokhale

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Education

Pune Institute of Computer Technology ***CGPA:9.62***
Bachelor of Engineering in Computer Science *July 2019 – July 2023*

Dr. Kalmadi Shamrao Junior College, Pune ***Percentage: 81.85%***
Higher School Certificate (HSC) - 12th Standard *June 2019*

Abhinava Vidyalaya English Medium School, Pune ***Percentage: 93%***
Secondary School Certificate (SSC) - 10th Standard *June 2017*

Programming Skills

Languages: Python, JavaScript, C++

Technologies: Django, Pandas, Scikit-Learn, NodeJS, Azure, Terraform

Experience

Persistent Systems Pune, India
Project Intern *June 2022 – July 2022*

Project Name: Auto Scaling Web Server on Azure Cloud Platform

- Configured Load Balancers, network security groups, and virtual networks
- Created Linux Virtual Machine Scale Set to handle changing loads
- Configured and provisioned the Auto Scaling Web Server using Terraform

Projects

Zigbee Based Street Lighting System
IOT based web application

- Developed a lightweight Zigbee Based Street Lighting Application and deployed it on a Raspberry Pi
- Developed functionalities like light on/off, light dimming, temperature and current monitoring
- Implemented auto switching on/off, dimming at particular times of the day
- Technologies Used: Python, Django, JavaScript, digi-xbee libraries

Assignment Submission System
Web Application

- Developed a web application where students can view and submit/upload their assignments
- Provided an interface for teachers to create new assignments and grade the submissions
- Technologies Used: Python, Django, MySQL

Massive Open Online Courses (MOOCs)

Applied Data Science with Python
Platform: Coursera

- Specialization containing 5 courses in which Statistics, Machine Learning, Information Visualization, Text Analysis, and Social Network Analysis techniques were applied through popular python toolkits.
- Technologies used: Pandas, matplotlib, scikit-learn, nltk