

Mumbai, India

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<https://dipnangle.com>

## Technical Skills

### Back-End Development

Python, Django, Django REST Framework, PHP, API Development, MySQL, MariaDB.

### Front-End Development

React.JS, JavaScript, HTML5, CSS3, Tailwind CSS, Bootstrap, Font Awesome, jQuery

### Server & Virtualization

Linux Administration, NGINX, Unicorn, CIFS, NFS, KVM, Proxmox, Virtuloozo, LVM, ZFS

### Tools

Git, GitHub, TortoiseSVN, PuTTY, Power BI, Tableau, CI/CD Pipelines, Deployment Automator

### Cloud & DevOps

(Basic Knowledge): AWS, GCP, Azure (basic usage, VM provisioning)

## Awards

### First - Place Winner

#### VIT

FEB ' 2019

College Project Competition

Project Title - Multipurpose CNC

Plotter Machine

## Publications

### Multipurpose CNC Plotter

#### Machine Using Microcontroller System

Published in IJRAR ' 2019

[https://ijrar.org/viewfull.php?&p\\_id=IJRAR19J4171](https://ijrar.org/viewfull.php?&p_id=IJRAR19J4171)

## Languages

English

Hindi


Marathi


Gujarati

# Dipesh Maruti Nangle

Full Stack Developer | Backend Developer | Python Developer

## Profiles

 <https://github.com/dipnangle>

 <https://www.linkedin.com/in/dipesh-nangle-69419613a/>

## Summary

Experienced Full-Stack Developer skilled in REST API design (Python, PHP), Linux systems, and virtualization platforms. Proficient in VM automation, MySQL, KVM, and API security. Expert in React.js, JavaScript, Tailwind, and Bootstrap for building clean, responsive UIs. Passionate about automation, NGINX deployments, and delivering scalable infrastructure solutions.

## Experience

### Softaculous Ltd.

#### Software Development Engineer

<https://softaculous.com>

📅 03/2022 - Present  
Mumbai

- Developed and managed **REST APIs** ensuring secure access and seamless integration with virtualization platforms.
- Interfaced directly with clients to understand their data needs, translate their business requirements into solution.
- Conducted **product demos and feedback sessions** to gather client insights, improve platform features, and ensure delivery aligned with evolving expectations.
- Developed and maintained client and internal-facing workbook documentation, integration guides, and training manuals with platform knowledge.
- Designed and optimized SQL queries for **MySQL database management**, improving API data handling and retrieval efficiency.
- **Managed Linux-based environments**, automating virtual machine lifecycle operations (creation, resizing, network configurations) using scripting.
- **Automated VM provisioning and disk setup** (LVM, ZFS, RAW, QCOW2) across KVM, Proxmox, and Virtuloozo hypervisors, streamlining deployment and reducing manual errors.
- Configured and deployed applications in production environments using **NGINX**, ensuring High Availability (HA) and optimized performance.
- Integrated **TortoiseSVN, GitHub, Git** for version control, ensuring smooth configuration and release management across development pipelines.
- Built a **CPU Threshold** system that capped virtual server CPU usage at defined thresholds, cutting overload-related **downtime by 40%**.
- Integrated REST APIs with front-end applications built with **React.js, JavaScript, Tailwind CSS, and Bootstrap**, enabling smooth UI interactions and data exchange.
- Developed full-stack solutions, handling both **API endpoints and UI components**, enhancing system usability and efficiency.
- **Built and maintained dashboards** in Power BI and Tableau, enabling real-time platform health monitoring and operational insights across 3+ business units.
- Collaborated with cross-functional teams to document process automation opportunities, contributing to platform scalability and product delivery success.

### Softaculous Ltd.

#### Intern

<https://softaculous.com>

📅 10/2021 - 03/2022  
Mumbai

- Enhanced debugging tools and implemented automated testing scripts using Python, which enabled the team to identify and resolve critical bugs 30% faster than before.
- Resolved Front-end errors, enhancing user experience and interface design
- Executed SQL queries to retrieve and manipulate data, contributing to database maintenance and optimization efforts

Interest

Travelling, Road Trips, Trekking,  
Bike Rides, Drawing,  
Engineering Designs

Lithotech Food / Grade & Grind Technologies

Design Engineer

<https://ggtpl.com> / <https://lithotechfoodspicemachinery.com>

08/2019 - 09/2021

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- Designed and optimized 2D/3D product layouts using SolidWorks, AutoCAD, and CorelDraw for manufacturing projects.
- Coordinated technical drawings and prototyping across internal and external engineering teams.

Education

Master of Science (Data Science)

[Mumbai University](#) - 9.09 sgpa / 10

03/2023 - 06/2025

Relevant Coursework:

- Machine Learning, Data Engineering, Big Data Technologies, Deep Learning, Data Visualization, Python Programming, SQL & Database Systems, Cloud Computing, Statistics for Data Science

Academic Projects:

- **Predictive Analytics for Air Quality and Health Impact**  
Built machine learning models (Random Forest, XGBoost) to predict respiratory health risks based on real-time air quality and weather data. Integrated APIs and real-time dashboards for visualization.

Bachelor of Engineering

[Viva Institute of Technology](#) - 7.31 cgpa / 10

08/2016 - 05/2019

Diploma in Engineering

[Pravin Patil College of Engineering](#) - 76.53 %

08/2013 - 05/2016

Secondary School Certificate (SSC)

[Shailendra Education Society](#) - 83.09 %

06/2006 - 05/2013