

Dheeraj Satokia

Software Development Engineer

📍 Indore, India ✉ dheerajsatokia@gmail.com ☎ +919131441331 🌐 dheerajsatokia.com in dheerajsatokia
🔗 dheerajsatokia

Career Objective

To work in a challenging environment, which maintains high professional standards, fosters personal growth, provides opportunity for continuous learning and expects quality results. And to utilize my knowledge and skills in the best possible way for the fulfilment of organizational goals.

Skills

- | | | | |
|-----------------------|----------------|------------------|-----------|
| • Python | • Django | • FastAPI | • DRF |
| • AWS | • GCP | • Celery | • MongoDB |
| • Docker | • SQLAlchemy | • Elastic Search | • NodeJS |
| • Gitlab/Bitbucket CI | • Flask | • PostgreSQL | • Agile |
| • JavaScript | • Unit testing | • TDD | • Jenkins |

Professional Experience

Cubexo Software Solutions LLP

01/2021 – present
Indore, India

Senior Software Engineer

- Maintained large databases, configured servers, and collaborated with colleagues on the reduction of software maintenance expenses - decreased the costs by 15% within just one year.
- **Built database models, APIs, and views utilizing Python**, to build interactive Web Services.
- Lead a group of 10+ developers and analysts in an **Agile** Software Development process which includes daily standups, reviews of code, and system testing.
- Performs **unit testing** on developed code and volume testing. Executes functional test cases received from the Quality Assurance team.
- Conveys problems, solutions, updates, and project status to peers and management. **Develops and maintains program and user documentation**. Collaborates within own team and cross-functionally on model program solutions.
- Performs model code verification and deployments into target production applications while communicating status to internal stakeholders.
- Implemented a deployment pipeline combining **Jenkins, AWS CloudFormation** for continuous automated deployments of applications and immutable infrastructure.

06/2019 – 12/2020

Software Development Engineer

- Developed a **centralized system to monitor health, and logging and alert** developed about any breakdown for all the systems delivered and managed by the company lead to more customer satisfaction.
- Understand the impact on other project elements, defines and documents mitigation strategies for risks associated with their project element.
- Implemented **Elasticsearch** to improve overall search on the platform and reduce the load on the database by 30%.
- Worked as part of software development teams in the design, development, and support of both new and existing software products and systems; reporting status, monitoring issues/problems, and recommending action plans.

01/2019 – 06/2019

Associate Software Engineer

- Developed internal tools to enable developers to work more efficiently while leaving the boring work for automation.
- Developed web application back-end components and communicated with clients to identify their needs and goals.

Career Summary

Senior Software Engineer

- Develop software solutions by studying information needs; conferring with users; studying systems flow, data usage, and work processes; investigating problem areas; following the software development lifecycle
- Developed Restful **Microservices** using Flask and Django and deployed on **AWS servers** using **EC2**.
- Took responsibility for project management for five new products, collaborating with cross-functional teams to develop requirement guidelines, and communicate needs and timelines to all involved.
- Developed simple solutions for complex problems to achieve the solution with the highest quality.
- Lead a team of software engineers and developers to develop customized projects for clients and provided mentored and advised junior software engineers on the team.

Projects

ZPE Cloud ☑

Python, Django, DRF, PostgreSQL, Celery, Redis, RabbitMQ

- Reduced **API documentation** production time by 60% by streamlining the process using **Swagger**.
- Improved **concurrency** and response times up to 10% by fixing **multi-threading** issues in the user session control module.
- Worked through the entire lifecycle of the projects including **Design, Development, and Deployment, Testing and Implementation**, and support.
- Implemented **SAML-based OKTA authentication** enabling platform to provide organization-wide access.
- Created **Celery tasks** to create and share device status reports with the customers on their preferred schedule.
- Architect multiple database-based architectures to improve the API response time by 60%.
- Debugging the failure issues by capturing the array and register dumps using Python scripts, traces and performing several experiments by interacting with the development team.

Deviare Africa ☑

Python, Django, REST Framework, PostgreSQL

- Developed Shell script for Linux system to communicate with APIs and manage the sandbox more effectively.
- Implemented **CI/CD Pipeline on Bitbucket** for smooth deployments.
- Developed an e-learning management system for companies to distribute courses from coursera, Simplilearn without any hassle.

Betrics ☑

Python, AWS Lambda, FastAPI

- lead a multidisciplinary team, requirement gathering, and analysis phase of the project in documenting the business requirements by conducting meetings with various business users.
- Used different AWS services to improve platform speed and stability.
- Used third-party libraries and APIs to fetch the data from different sports trend sources. which increased the prediction score by 30% that helped users to make better decisions.

30 Mins ☑

Python, PostgreSQL, NextJS

- Used Microsoft Graph and Google Calendar APIs to manage user calendars and fetch event information.
- Developed complex algorithms to find out user availability and schedule google meet when requested.
- Implemented Mail filtering in sent and received emails to improve organizational security.

Education

2015 – 2019
Mandsaur, India

Bachelor of Computer Science and Engineering
Mandsaur Institute of Technology