Satish Pophale

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Summary

Senior Software Engineer with over 5 years of experience in service and product-based companies, specialized in backend, web, and mobile application development, as well as database management and data science. Proven track record of leading the design and development of scalable software solutions. Experienced in development of microservices, managing AWS infrastructure, and collaborating on projects in field of Finance, eCommerce, Home Automation. Demonstrated ability to effectively communicate complex technical concepts and lead projects from inception to successful implementation. Passionate about leveraging AI advancements to drive innovation and make a significant impact in the field of data collaboration.

Experience

Phynart Technologies | Pune, Maharastra
Senior Software Engineer | 07/2021 – Present
Product based consumer electronic company in the field of Home Automation.

Backend Developer and Technical Lead with expertise in Microservices, API Development, and AWS Cloud

- Led and managed backend development teams, ensuring efficient and scalable operations.
- Built and maintained highly scalable microservices and APIs using modern technologies and best practices.
- Implemented and managed a variety of AWS services, including EC2, ECS, Lambda, IoT Core, SQS, SNS, DynamoDB, and Kinesis.
- Successfully integrated third-party services like Alexa and Google Home into a home automation product.
- Possess strong knowledge of IoT and automation technologies, staying up-to-date with the latest trends and advancements.

Apprely Technologies | Pune, Maharastra
Full Stack Developer | 03/2020 – 07/2021
Software solution and services

Full Stack Developer with Expertise in Web, Mobile, and Backend Development

- Developed and maintained web and mobile applications, demonstrating versatility across different platforms.
- Possessed proficiency in diverse technology stacks, including Python, React, and React Native, illustrating adaptability and a well-rounded skillset.
- Collaborated on the Entryless web platform project, successfully delivering impactful solutions while directly engaging with a USA-based client.

Confluex | Bangalore, Karnataka
Application Developer | 03/2019 – 03/2020
Software based startup providing software services in E-Commerce, Education and marketing domains

Developer with Expertise in API Design, Platform Development, and Data Automation

- Led the gathering of requirements and played a pivotal role in selecting the technology stack for developing a robust API-driven fund management platform.
- Successfully engineered a SaaS-based multi-tenant platform.
- Innovatively designed and implemented a PDF to CSV converter using Python, Pandas, and PyPDF2, enhancing data processing capabilities within the company.

Skills

Python, AWS, Flask, Docker, Django, FastAPI, LangChain, JavaScript, Git, CouchDB, MongoDB, SQL, PostgreSQL, HTML5, CSS3, React, React Native, REST, Redis, LLM

Education

University of Pune | Pune, Maharastra
BE Electronics And Telecommunication | 08/2018

Government Polytechnic Ambad | Ambad, Maharastra
Diploma In Electronics | 06/2015

Projects

OS/SDK (Home Automation Products)

Description: Designed and developed the core (OS/SDK) for a home automation product, enabling communication between the mobile app and various devices, and utilizing microservices for specific functionalities like actuation, automation, and device management.

Area: Home Automation

Role: Backend Developer and Technical Lead with expertise in Microservices, API Development, and AWS Cloud

Skills: Python · Django · Flask · Amazon Web Services (AWS) · Back-End Web Development · CouchDB · Redis · Docker

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Log Analysis and Insights

Description: Developed a log analysis and insights system for a home automation ecosystem, enabling real-time monitoring and optimization of microservices. This system detects malicious IPs, offers an intuitive dashboard for visualizing API calls and other aggregated data, and proactively identifies potential security threats.

Area: Data Analytics

Role: Senior Developer

Skills: Python · DASH · Pandas · NumPy · HTML5 · Cascading Style Sheets (CSS)

BioFuelCircle Web/Mobile Application

Description: Developed the BioFuelCircle web and mobile application, a user-friendly e-commerce platform that streamlines biofuel procurement for businesses. This innovative solution connects farmers directly with companies seeking waste-derived biofuels, enabling efficient and environmentally sustainable transactions.

Role: Full Stack Developer

Area: eCommerce

Skills: React.js · React Native · Redux.js · HTML5 · Cascading Style Sheets (CSS)

Multi-Tenant SaaS Development Platform

Description: Designed and developed a multi-tenant SaaS platform enabling organizations to manage their business operations. The platform utilizes a secure and scalable architecture to serve multiple clients while maintaining data isolation.

Area: SaaS

Role: Full-Stack Developer

Skills: Python · Django · Back-End Web Development · PostgreSQL · Redis · Docker, HTML, CSS, Webpack

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