Nitesh Kumar

Sr. Software Engineer

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Mohali, Punjab

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Senior Software Engineer and Team Lead with 6+ years of experience in full-stack development. Proven track record in delivering high-quality, scalable software solutions across the development lifecycle. Skilled in managing project planning, development, testing, and deployment. Passionate about fostering a collaborative and innovative work environment to achieve project goals.

PROFESSIONAL EXPERIENCE

Sr. Software Engineer

Closeloop Technologies PVT.LTD.
Mohali, Punjab
Sept, 2022 – Present

- Design and maintain web applications using Python and ReactJS, ensuring high performance and security.
- Lead the creation of chatbots with Generative AI technologies, enhancing natural language processing capabilities.
- Oversee engineering teams through product development, deployment, and testing, ensuring timely delivery.
- Manage product planning, documentation, and development, aligning with business objectives.
- Create and maintain comprehensive technical and project documentation.
- Implement testing procedures to ensure product reliability and address any issues that arise.

Sr. Software Engineer

Spirit of Intelligent Life
Mohali, Punjab
Jan, 2022– Aug, 2022

- Developed and maintained full-stack applications utilising Python, Flask, Django, and Angular, ensuring robust and scalable solutions.
- Led the backend team, guiding project development, from initial planning through to deployment and ongoing support.
- Managed end-to-end deployment and testing processes, ensuring seamless integration and high-quality delivery of applications.

Sr. Python Developer

TechStriker
Mohali, Punjab
Nov, 2020 – Dec, 2021

- Worked as a full-stack developer using Python, Flask, Django, and Angular
- Deliver quality code.
- Worked with AWS, Git, and Docker.

Python Developer

Relinns Technologies
Mohali, Punjab
Jan, 2018 – Nov, 2020

- I have worked as a Backend Developer using Python and Django as a backend framework
- I have implemented NLP for Chatbot
- I have also worked on Angular and Javascript.

Technical Skills

- Python
- Django, Flask and FastAPI
- ReactJS, JavaScript, and TypeScript
- AWS: EC2, S3, CloudWatch, etc
- ChatGPT, NLP

- Deployment tools: Git, Docker, and Nginx
- Databases: MongoDB, PostgreSQL, MySQL, and ORMs
- Other Tools - RabbitMQ, Redis, etc.
- Jira, Agile methodology

PROJECTS

Chatbot Solution (07/2024 - Current)

Developed a chatbot platform using ChatGPT to improve customer interactions and support, enhancing user engagement. Implemented agents, prompts, intents, and data sources with Python, Flask, ReactJS, MongoDB, and AWS.

Visit: https://chatbot-solution.closeloop.dev

CxC — AI-Powered Call Management (02/2024 - 06/2024)

Created a bot management platform for dynamic bot deployment and analysis, integrated with ServiceTitan and Pricebook. Provided real-time summaries and enabled bot control from the marketplace using Python, Flask, ReactJS, MongoDB, and AWS.

Visit: https://cxc.ai

Datacube — Data Visualization Software (08/2023 - 02/2024)

Designed an AI-driven business analytics tool for KPI visualization and data comparison, integrating ServiceTitan APIs for data collection. Developed dashboards and KPIs with Python, PHP, Laravel, ReactJS, MySQL, and AWS.

Visit: https://datacube.ai

eRezLife — Complaint Management System (09/2022 - 07/2023)

Implemented a comprehensive housing and residence life management system, handling residence assignments, job management, and permissions. Built with Python, Django, ReactJS, PostgreSQL, and AWS.

Visit: https://erezlife.com

Shikayatpeti — Complaint Management System (12/2021 - 08/2022)

Developed a free platform for complaint management and customer service requests with features like in-house email server and WhatsApp API integration. Utilized Python, Django, React, PostgreSQL, and AWS.

BotPenguin — Chatbot Platform (06/2018 - 11/2020)

Built a versatile chatbot builder platform with NLP capabilities and integrations for popular social platforms like Google Assistant, Facebook, and Telegram. Achieved extensive third-party integrations using Python, Django, React, Angular, PostgreSQL, and AWS. Check out BotPenguin.

Visit: https://botpenguin.com

Education

B.Tech (Computer Science & Engineering)
Desh Bhagat University
Mandi Gobindgarh, Punjab
Percentile: 83%
Aug, 2018

Languages Know

- English
- Hindi
- Punjabi

Hobies

- Internet surfing
- Watching Movies