

PRACHI CHHATBAR

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SUMMARY

Software Engineer with 3+ years of experience in full-stack development, DevOps, and web design. Proficient in Python, JavaScript, SQL, and render farm management tools, with a passion for delivering scalable, reliable, and secure distributed systems in fast-paced Agile environments. Strong background in software engineering, architecture, and product engineering.

SKILLS

Programming	Python, JavaScript, Java, PHP, TypeScript
Framework and Library	Node.js, Django, Laravel, React Native, Bootstrap, JQuery, FastAPI
Database	MongoDB, PostgreSQL, MySQL, Elasticsearch
DevOps and Cloud Computing	AWS, Docker, Kubernetes, Jenkins, Git, Bitbucket
API and Messaging	REST API, Apache Kafka, Apache Shark, Firebase Cloud Messaging
Web Technology	HTML, CSS
Content Management System	Sharepoint
Project Management Tool	Jira
Testing Tool	Selenium, Cypress
Render Farm and Pipeline Tools	Rez Package Management, Deadline Render Farm Management

EXPERIENCE

Jellyfish Pictures	February 2024 - Present
Junior Software Engineer, London, United Kingdom	

- Developed and maintained high-quality Python code within Rez packages, ensuring efficient deployment and management of software dependencies
- Collaborated with cross-functional teams using Bitbucket for version control, facilitating seamless CICD and project coordination
- Utilized the Deadline tool to manage and monitor render farm jobs, optimizing resource allocation and minimizing render times
- Worked extensively with RESTful APIs, integrating them into Rez packages to enable seamless communication between different software components
- Ingested data from Rez packages into Elasticsearch, enabling efficient data indexing, searching, and analysis for improved project insights and decision-making
- Designed and implemented scalable, reliable, and secure APIs using FastAPI
- Actively participated in code reviews and maintained high code quality standards, following best practices and coding guidelines
- Created and maintained comprehensive documentation using Confluence, including development processes, code documentation, and project specifications

Freelance	January 2023 - Present
Developer, United Kingdom	

- Collaborated with clients to define project requirements, set timelines, and deliver high-quality web solutions
- Developed scalable and high-performance web applications leveraging JavaScript, React, and Node.js
- Regularly performed A/B testing and made data-driven decisions to ensure maximum user engagement, leading to a 40% increase in user activity

- Managed end-to-end product lifecycle: from ideation, design, development, testing to deployment and maintenance

Bank Of America

July 2020 - September 2021

Software Engineer I B , India

- Spearheaded the design, development, and maintenance of Sharepoint solutions, including web parts and templates, enhancing portal efficiency by 30%
- Optimized Sharepoint libraries, lists, and sites to align with user needs, achieving 95% issue resolution within agreed SLAs
- Implemented Sharepoint best practices to fortify site usability and security, effectively mitigating risks and vulnerabilities

EDUCATION

MSc in Advanced Computer Science

September 2021 - January 2023

University of Leicester, Leicester United Kingdom.

Bachelor of Technology in Information and Technology

2017 - 2020

Nirma University, Ahmedabad India.

PROJECTS

Web Based Social Media,

June 2022 - Sept 2022

Developed an online media sharing and consumption service using technologies such as React, Node.js, MongoDB, and AWS, allowing users to browse content based on chosen genres

Automation Of Build And Deploy (CI/CD),

Jan 2020 - May 2020

Integrated and delivered code continuously throughout the whole development process using technologies such as Jenkins, Docker, and Kubernetes, resulting in improved software quality and faster time to market

Cloud Monitoring and Resources Management,

July 2019 - Nov 2019

Utilized AWS services such as CloudWatch, EC2, and S3 to monitor and manage cloud resources in a scalable and cost-effective manner, ensuring optimal computing performance and cost efficiency

Secure Academic System,

Jan 2019 - May 2019

By integrating a third-party content management system using Django and PostgreSQL, it allowed for the creation of a secure and efficient academic management system that provides portals for students and teachers to access assignments and notes

Screen Sharing Application,

July 2018 - Nov 2018

ICreated a wireless connection between two mobile devices using a mobile application that utilizes the Wi-Fi Direct protocol and technologies such as React Native and Firebase, enabling seamless screen sharing between devices

Event Management System,

Jan 2018 - May 2018

Developed a streamlined Android app using Java, Android SDK, and Firebase, enabling efficient coordination of campus events

AWARD

Global Recognition: Bronze award

April 2021

Quickly acquired the necessary skills and made significant contributions to the project.