Karan Malhotra

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SUMMARY STATEMENT

A Computer Engineer having an experience of more than 18 months, currently working as a DevOps Engineer at Zycus, a global provider of complete Source-to-Pay suite of procurement performance solutions.

EDUCATION

Mukesh Patel School of Technology Management & Engineering (NMIMS), Mumbai, India   **July 2014 - May 2018**
Bachelor of Technology in Computer Engineering
Coursework: Computer Programming I and II, Design and Analysis of Algorithms, Distributed Computing, Artificial Intelligence, Computer Networks, Fundamentals of Web Technology, Operating Systems, Unix Programming

PROFESSIONAL EXPERIENCE

Zycus InfoTech Pvt. Ltd., Mumbai, India   **July 2018 - Present**
Software Engineer - DevOps
- o   Key takeaways: Automation Scripting ,Process Improvement, Cost-Reduction Initiative, Innovation, Customer Focus
- Wrote Deployment Scripts for Zycus Suite of Products and also wrote various Python Automation Scripts to ease workload and reduce errors due to configurations or network connectivity.
- Improved Deployment Time of Products by reducing the time taken by 85%.
- Contributed to Cost Saving Initiative by writing automations to right-size AWS instances, making stack changes and migrating servers which saved a lot in IT infrastructure costs.
- Keeping customer focus in mind, implemented zero-downtime deployment of products.

10Dumbs Inc, Navi Mumbai, India   **May - June 2017**
Software Engineer Intern
- o   Key takeaways: Product Development, Community Centered Initiative
- Developed a Job-Portal specifically designed for women who are looking for jobs after an extended period of break due to marriage or maternity.
- Designed, developed and tested the portal from development to production.

RELEVANT PROJECT & PUBLICATION

Business Models of Internet of Things   **Ongoing**
- Working with a professor and researching on the various business models that have been used by companies in the IoT domain.
- Critically analyzing, reviewing and researching on the reasons why seamless integration of IoT has failed.

Social Media for Sport Fans - Django Application   **November 2019**
- A Django application designed and developed for fans of football, cricket, basketball and other sports.
- Users have the ability to post in the group, join new groups or leave groups they are a part of.

Birthday Reminder - iOS App   **June 2019**
- This iOS application is compatible across all display sizes.
- Customizable options for alarm tones, messages and notification time.

ReTale - A Book Sharing Platform   **May 2018**
- Created an Android-app and a Website for users to rent and lent books to other users via the application.
- Designed an algorithm keeping in mind the rating, cost and availability to measure points as a transaction entity thus encouraging users to participate in renting out books to earn points which can be used to rent other books in.

SKILLS AND TECHNOLOGIES

- Languages: Python, Java, JavaScript, Swift, Shell Scripting
- Web Technologies: Flask, MySQL, HTML, CSS, Bootstrap, MongoDB, Redis, Nginx, Haproxy
- Software/Tools: Docker, Git, Ansible, Jenkins, Nexus, Go-CD, Terraform
- Cloud Services: Amazon Web Services, Google Cloud Platform

EXTRA-CURRICULAR ACTIVITIES

- Bronze Medal in The Duke of Edinburgh's International Award for Young People.
- Organized virtual stock market competition and seminars with notable heads from BSE (Bombay Stock Exchange) to educate students about managing finances at an early age.
- Won multiple Intra-School Java Competitions and represented my school for inter-school Hackathons.
- Participated in multiple Chess and Karate tournaments, won awards for the same.