Ashutosh Kumar Gupta

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WORK EXPERIENCE

Walmart **Bangalore** OCT 2021 - PRESENT	**Software Engineer III** • Working with transportation pillar with Last Mile Delivery team. • Worked on incentives systems to make them stabilize • Improved existing system where deadlock was happening in the batching system • Mitigated CVE-2021-45105, Log4J vulnerability • Reduced manual intervention in a process, where it used to take a day for individual developers to zero minutes a day. • Upgraded Spring Boot frameworks from 2.2.X to 2.6.X, to resolve Spring-related vulnerabilities. • Designed template-based incentives that reduced errors from the Ops team and it helped to save unnecessary cost that was being paid due to miscommunication. • **Tech Stack:** Java, MySQL, Kafka, SpringBoot
Housing.com **Gurugram** NOV 2019 - OCT 2021	**Senior Software Development Engineer** • Managed design and development of **Owner Monetization** from scratch. • Developed Rate limiter wrapper that is used on different services with minimal configuration additions to the service. • Enhanced existing coupon service • Reduced legacy 5XX and 4XX errors from system • Reduced time from 4 hours to 30 minutes for one of the background process. • Part of security team, where fixed many existing vulnerabilities in a sprint those were reported in internal hackathon • Improvised kira service which is used to handle third party calls with the different service providers • Integrated Razorpay as payment gateway in payments service • **Tech Stack:** Java, Ruby On Rails, MongoDB, PostgreSQL, Jira, RabbitMQ, Maven, Microservices, Distributed Systems, Vagrant, SpringBoot

Lenskart.com **Gurugram** Aug 2019 - Nov 2019	**Software Development Engineer** • Added Retry mechanism for a complex system and improved performance by 70 percent. Manual/Daily effort was reducced to zero. • **Tech Stack:** Java, MongoDB, MySQL, Kafka, SpringBoot
[Sprinklr](#) **Gurugram** MAY 2017 - AUG 2019	**Software Engineer** • Created Asset manager that is used for performing operations between Core Platform and other platforms. • Reduced number of DB connection request calls from one of the codebases. • In one of APIs reduced response generation time from 4-5 minutes to less than 30 seconds. • Introduced Lombok to the existing codebase to remove boilerplate codes. • Introduced different functional support in existing features and fixed Production bugs. • **Tech Stack** : Java, MySQL, MongoDB, Elastic Search, Jenkins, Gradle, Maven, Spring, SpringBoot.

INTERNSHIP EXPERIENCE

Muto Technologies SUMMER 2016	**Software Development Internship** • Implemented Continuous Integration (CI) Server, it's different modules and also designed unit test suite for them. • Implemented **Push Notification Server** for different platforms. • **Technology Stack** : Golang, Python, postgreSQL, gin-gonic (HTTP web framework), gorilla(websocket framework). • **Github** : https://github.com/mutohq

Education

2013 - 2017	Bachelor of Technology in **Computer Science and Engineering**, National Institute of Technology, Hamirpur, Himachal Pradesh. CGPA: 8.21/10
2012	XII from **Anugrah Narayan College,** Patna, 800001, Bihar, India. Bihar School Examination Board(BSEB) PERCENTAGE : 75.8
2010	X from **High School,** Itarhi, Buxar, 802123, Bihar, India. Bihar School Examination Board(BSEB) PERCENTAGE : 88

Academic Projects

Litmap	**Literacy mission management system** The aim of the project was to manage all the required databases of the students being taught by volunteers of NIT-Hamirpur with proper user Interface. **Technology Stack :** PHP, MySQL, HTML, CSS, JavaScript.
SystemC Project	**8085 Microprocessor's instructions Implementation in SystemC** The aim of the project was to implement instruction sets like *ADD, SUB, LDA, STA, MOV* of 8085 microprocessor using SystemC and trace the curve using GTKWave. **Technology Stack :** *SystemC, C++, GTKWave, GHex*

Awards:

- identified for showing **ownership** value by Associate director at Housing.com
- identified for showing **Boundarylessness** value by HR Assistant Manager at Housing.com
- Got the bravo award for excellent performance at Walmart in July 2022

Extracurricular activities

1. Ethical Hacking Course by I3indya at New Delhi during Summer 2015
2. Attended Cloud Computing Workshop at IIT Bombay during Winter 2015
3. Completed Master Jenkins CI for devOps and Developers on 26 Oct 2018.
4. Completed MongoDB the Complete Developer's Guide on 14 Aug 2019.

Membership

1. Member of Association for Computing Machinery acm.org
2. GNU/Linux User Group (GLUG) - glug.nith.ac.in
3. Logistic Manager of ACM NIT-H

Personal Detail

- Place and Date of Birth: Itarhi, Buxar, Bihar | 04 February 1995
- Languages :   English, Hindi
- Personal Website