

Manav Goel

Software Developer

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EXPERIENCE

Software Developer

Jun '22 — Present

Paytm

Bangalore

- **Developed** a comprehensive microservice with RESTful APIs, enhanced data-sharing capabilities and optimized decision-making processes, now supporting 20k active users daily.
- **Spearheaded collaboration** with other teams to integrate a new backend system; achieved a 40% decrease in integration issues through communication and leveraging historical data.
- **Conducted Test-Driven Development (TDD)**, and authored comprehensive unit test cases throughout the development process, resulting in a 15% decrease in post-release defects.
- **Incorporated** the use of Docker for containerization, achieving a 30% reduction in resource consumption, and improving performance and scalability of applications in production.
- **Architected and implemented** a robust CI/CD pipeline using Jenkins, automating the build processes, **Authored** Argo CD for EKS deployments, reducing intervention by 45%.
- **Leveraged** Prometheus, Grafana, and the ELK Stack for comprehensive monitoring and logging, Formulated detailed **dashboards** decreasing bug tracking and resolution time by 50%.
- **Took ownership and managed** all stages of the software development life cycle, from requirements gathering to production releases. Accelerated task delivery timeline by 25%

Software Development Intern

Jan '22 — Jun '22

Paytm

Bangalore

- **Vigilantly adopted** software engineering process improvements and best practices, while **adhering** to the company's coding style guide to ensure **clean** and **consistent code**.
- **Researched and prepared** a 10-page report summarizing findings and recommended fixes from the design study of 3 production applications and presented analysis to key stakeholders.
- **Developed** an automated reporting generation system, reducing manual errors by 80%.
- **Overhauled and revamped** the obsolete legacy source code of 2 production applications, resulting in increased usability reduced latency by 50% and security vulnerabilities by 25%.

SKILLS

Programming Java, Python, Golang

Database MySQL, MongoDB, Cassandra

Web Technologies Node.JS, Django, JavaScript

Misc. Kafka, RabbitMQ, CI/CD, Kubernetes

PROJECTS

E Banking Project [Link](#)

- Engineered a full-stack E-Banking application with a MySQL database, leveraging HTML, JavaScript, and CSS for an interactive front-end experience, and PHP for secure back-end processing.
- Crafted critical financial features including fund transfers, withdrawals, and deposits, incorporating OTP authentication for each transaction to maximize security.

Hangman Game [Link](#)

- Designed an engaging Hangman game with a graphical user interface using the Pygame library in Python.
- Introduced robust game logic allowing players to guess words by suggesting letters, with up to six incorrect guesses, ensuring a challenging and captivating user experience.

EDUCATION

Bachelor of Technology in Computer Science, Chitkara University

Aug '18 — May '22

- Mastered the theoretical and practical application of engineering principles. Created diverse projects across multiple domains, showcasing technical prowess, and a solid desire for innovation and learning.
- Engaged as an active member of both the Association for Computing Machinery (ACM) and the IEEE Computer Society, fostering valuable connections within the tech community.