

# Abhishek Saini

## Software Developer

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Experienced Software Developer with over 4 years in designing, developing, and managing scalable and reliable software solutions. Proficient in Python, AWS, and system architecture. Adept at leading teams, optimizing resource usage, and reducing operational costs. Proven track record of delivering high-quality software solutions that meet business needs.

## Skills

- **Python** - Django, Flask & FastApi
- **JavaScript** - NodeJs & ReactJs
- **SQL Database** - MySQL & PostgreSQL
- **NoSQL Database** - MongoDB, ElasticSearch & Redis
- **Operating System** - Linux, Windows & macOS
- **Cloud Infrastructure & Containerization** - AWS, Docker & Kubernetes
- **Tools** - Git, Postman, Metabase, Bitbucket & Jira
- **Soft Skills** - Problem Solving, Leadership & Work Delegation

## Experience

- **Lead Software Developer** Tyroo 2020 - Present
  - Designed robust system architectures, executed tasks seamlessly, and conducted thorough code reviews to ensure high-quality, maintainable code. Increased code coverage of unit tests to 40%, enhancing software reliability.
  - Achieved a 45% reduction in AWS costs through proactive monitoring and optimization.
  - Initiated a documentation process achieving 60% coverage, improving knowledge sharing and onboarding.
  - Increased the capabilities of product catalogue management service from 600 MB to 10 GB using distributed processing, improving data management and scalability.
  - Simplified the image creation service communication flow, enhancing performance by 10x and reducing costs by 30%
- **Software Engineer** Triotech Solutions 2018 - 2020
  - Automated various OS level and application level tasks using shell and Python scripting, improving operational efficiency and reducing manual effort.
  - Automated reports generation from raw data using Python scripting, streamlining data processing and report generation workflows.
  - Developed scripts to increase system efficiency and reduce human intervention by up to 70%, optimizing system operations and reducing operational costs.

## Projects

- **Reward Management System** Reckitt Benckiser 2022 - 2023
  - **Technologies** - Python, Django, MySQL
  - **Challenge Solved** - Designed and developed backend services, applied rules to determine lottery winners, implemented OTP-based user authentication, created reports and integrated user data management.
  - **Impact** - Improved system efficiency, enhanced accuracy and transparency, boosted security, streamlined report management, and ensured data integrity and performance.

## Education

- **Dronacharya College of Engineering (MDU Rohtak)** 2018
  - Bachelor of Technology, Computer Science