

ABHINAV DAWAR

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LOCATION
Gurugram, 122001

Dynamic and result-driven professional keen to pursue roles preferably in IT sectors with a focus to leverage expertise in Backend Development and Software Engineering to drive efficiency and success for the right career prospects.

PROFILE SUMMARY

- Seasoned Software Engineer with proven expertise in backend development, microservices architecture, and API integrations, currently excelling as a Senior Software Engineer at Pasarpolis with a strong track record of performance optimization and cost efficiency.
- Proficient in building scalable RESTful APIs and managing complete CRUD operations using Python, Django Rest Framework, and BigQuery, while ensuring high availability and reliability of backend systems.
- Adept at designing and implementing end-to-end data archival strategies, having successfully archived over 100 million policy records using Parquet file storage, significantly optimizing storage costs and system performance.
- Recognized for technical leadership and code optimization, driving up to 70% improvement in system efficiency by reducing database query loads and simplifying code logic in production environments.
- Strong command over cloud-native services, containerization, and source control tools such as Kubernetes and Git, enabling seamless deployment pipelines and improved DevOps collaboration.
- Award-winning contributor with a knack for solving complex production issues, integrating third-party insurance APIs, and delivering robust solutions under tight deadlines in high-impact insurance and fintech environments.

CORE COMPETENCIES

- CI/CD Pipelines & Agile Methodology
- Microservices Architecture
- Version Control & Data Archival
- Python Programming & API Integration
- Performance Optimization & Load Balancing
- Monitoring & Logging
- Distributed Systems & Code Review
- Database Management & Cost Reduction
- Object-Oriented Programming

SOFT SKILLS



EDUCATION DETAILS

2021: B. Tech (Information Technology), GGSIPU- New Delhi | 83.6 %

TECHNICAL SKILLS

Backend & Logic Building | Python Programming | REST API | Programming Skills (Python, Java, JavaScript) | Python Frameworks (Django, Flask, FastAPI) | Databases (SQL - MySQL, PostgreSQL) (NoSQL - MongoDB) (BigData - BigQuery) | Cloud (Google Cloud Platform, Digital Ocean, Vercel) | Deployment Tools (Docker, Kubernetes, Git) | Shell Scripting | React.js

SIGNIFICANT HIGHLIGHTS

- Recognized as Employee of the Month at Pasarpolis for outstanding contributions and dedication
- Promoted to Senior Software Engineer in December 2023 in recognition of technical expertise, proactive problem-solving, and significant contributions to high-impact projects within the insurance domain.
- Acknowledged for work authenticity and excellence, upholding standards of quality, integrity, and innovation in deliverables.

WORK EXPERIENCES

Pasarpolis, Gurugram

Senior Software Engineer

Jan 2022 - Present

- Key Result Areas:
- Leading the implementation of port forwarding across various services, ensuring secure and seamless data flow and accurate routing between development, staging, and production environments.
 - Playing an active role in backend development using Python and Django REST Framework, contributing to the design of robust and scalable services integrated with Google BigQuery for advanced data analytics.
 - Designing and fine-tuning complex SQL queries to ensure high-speed, efficient data retrieval and effective database management, resulting in improved query response times.
 - Developing and deploying shell scripts to automate recurring production processes, effectively resolving ambiguities and minimizing manual intervention, leading to higher operational efficiency.
 - Identifying and implementing cost-reduction strategies within the cloud infrastructure, resulting in optimized resource allocation and significant savings on operational expenses.
 - Delivering seamless end-to-end API integrations with external insurance providers, enabling real-time data exchange and enhancing the overall service delivery pipeline.
 - Spearheading the archival of nearly 100 million expired insurance policy records into Parquet format, significantly reducing storage overhead and improving long-term data accessibility.
 - Attaining a 70% improvement in system performance through strategic code optimization and reduced database load, directly enhancing application responsiveness and user experience.

To The New, Noida

Software Engineer

Feb 2021 - Jan 2022

- Key Result Areas:
- Designed and implemented responsive UI components using React.js, jQuery, HTML, and CSS, driving improved user engagement and frontend efficiency.
 - Developed scalable backend solutions with Java, leveraging Apache Sling, OSGi configurations, and Apache Felix for modular, high-performance applications.
 - Streamlined application deployment by efficiently managing Java JAR files on Apache Tomcat, ensuring stable performance and quick release cycles.
 - Contributed to a Python/Django project, leveraging Django ORM for optimized database management and accelerating development processes.
 - Facilitated seamless integration between front-end and back-end systems, enhancing application fluidity and improving overall performance.
 - Added value through effective problem-solving and cross-functional collaboration, enhancing project timelines, code quality, and overall system functionality.