SURYANSH CHAUDHARY

SOFTWARE DEVELOPER ENGINEER

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SUMMARY

Innovative Computer Science Engineer with a solid background in modern web technologies and cloud infrastructure, having experience in developing salable solutions across various technological ecosystems. A passionate technology enthusiast with relentless curiosity for emerging innovations and a commitment to continuous learning to push the boundaries of technical excellence.

WORK EXPERIENCE

SDE (Remote) - AutoText AI Pvt. Ltd.   **Feb 2024 - Present**

- Integrated LinkedIn, Facebook, Instagram, and Twitter, enabling OAuth authentication by building pipelines to manage access tokens and dynamically generate URLs. Boosted platform reliability for social media connections by 25% through better API monitoring and error handling
- Automated the posting process for multi-photo and video uploads, reducing manual intervention by 40% and increasing content publication efficiency across platforms.
- Designed scalable data models to handle social media engagement metrics such as impressions, clicks, and conversion rates, enabling detailed performance tracking.
- Developed a Python-based analytics pipeline to process raw data into actionable insights, improving decision-making speed by 30%.
- Integrated Metabase to visualize metrics, increasing data-driven decision-making across teams by 35%
- Built a robust referral system backend that tracked referrals, rewards, and user activity, increasing user acquisition by 20%
- Enabled detailed analytics and reporting for the referral system, providing insights to refine reward strategies and improve conversion rates.
- Developed a Redis-backed authentication and authorization system for outsourced APIs, reducing unauthorized access attempts by 50%
- Implemented rate-limiting mechanisms that improved API response times by 15% during peak loads.
- Migrated the Jenkins and Docker-based CI/CD pipeline to AWS Elastic Beanstalk and CodePipeline, reducing deployment times by 20% and achieving a 99% deployment success rate.
- Migrated Flask-based schedulers to Django, automating ETL workflows that previously required manual triggers. Enhanced task execution reliability by 40% and reduced operational overhead by 30%.
- Connected ETL notifications to Slack, cutting response times for failed jobs by 50%.
- Developed tools using FFmpeg and Puppeteer to automate video processing and HTML-to-PDF conversion, reducing processing time by 20%.
- Built a transactional data pipeline, ensuring accurate handling of records and reducing processing errors by 25%.
- Enabled faster reporting and reconciliation of transactional data, reducing SLA breaches by 15%
- Implemented a Role-Based Access Control (RBAC) system, enhancing application security by restricting access to specific features and data based on user roles. • Developed and integrated PayPal recurring payments, ensuring seamless subscription management for users across various pricing plans.

- Built a transactional pipeline to handle and process user data for subscribed plans, improving data accuracy and processing time by 25%
- Created interactive dashboards using Metabase, providing stakeholders with actionable insights into key metrics. Enhanced transparency and reporting accuracy, leading to a 35% improvement in data-driven decision-making.

PROJECTS

Auto EDA
https://auto-ml-llzq.onrender.com/
- Automation reduces the time spent on initial data exploration, allowing data scientists to focus on modeling and analysis.
- Users can export the processed data and trained models as pickle files for future use and deployment.
- These tools generate detailed reports that summarize key characteristics of the dataset, including data distributions, missing values, and more

Lecture Booking System
https://github.com/Suryansh-Codes2209
- Teacher Features: Teachers can effortlessly schedule lectures manage lecture details and view their lecture schedules.
- Student Features: Students can browse and book lectures based on their preferences and receive timely notifications.
- Administrative Features: Administrators have access to an admin panel for user management and comprehensive analytics.
- Extensibility: The system is highly extensible allowing for easy integration of additional features and modules as needed. Its modular and scalable architecture ensures future flexibility.

SKILLS

Python	Django	SQL/No-SQL
TypeScript	Flask	Git
JavaScript	React JS	AWS
C++	Next JS	GCP
Java	Angular	

EDUCATION

B.TECH. Computer Science Engineering with Specialization in Artificial Intelligence
Poornima Group of Institutions, Jaipur   **Jun, 2020 - May, 2024**
CGPA - 8.5

INTERNSHIPS

Reach Rocket - Meta Ventures Pvt. Ltd.   **Jul, 2023 - Aug, 2023**
Remote Intern

- Created an automated lead generation and contact finder tool
- Optimized machine settings for extended tool life
- Designed a software tool for scientific data analysis, boosting productivity X-fold

Niti Ayog   **Jul, 2022 - Aug, 2023**
Intern

- Explored Raspberry Pi and Python programming.
- Impact is Focused on equipping high school students with technical skills and coding languages.
- Impact is to Empower young learners to navigate technology, fostering informed career decisions.

OnGraph Technologies Pvt. Ltd.   **Jun, 2022 - Jul, 2022**
Summer-Intern

- Focused on AI and machine learning tools during my summer internship.
- Impact is to Work on diverse detection projects, gaining insights into technology.
- Expanded skill set through hands-on experience in web development.

ADDITIONAL INFORMATION

Languages: English, Hindi.

Certifications:
- Programming for Everybody (Getting Started with Python)
- Python
- Getting Started with AI on Jetson Nano
- Microsoft Certified: Azure AI Fundamentals
- Microsoft Certified: Azure Data Fundamentals
- 30 Days of Google Cloud
- Modern HTML & CSS From The Beginning (Including Sass)
- Angular 12, Python Django & SQLite full-stack app

Activities/Achievements:
- AWS UG Jaipur Community Winner 2023
- AWS Deep Racer League Region Winner
- AWS Jam Whisper - AWS
  Hands-on-with-Code-Whisper
  Optimized for use with AWS services
  Code responsibly: Reference tracker for open-source code
  Built-in security scans
  Real-time code suggestions customized for you
  Support for popular programming languages and IDEs

- AWS User Group Jaipur - Core Member
  Collaborated with cross-functional teams to develop and implement new services and products
  Recognized and responded to students' individual needs and learning styles

- CODE RED 2.0 TRIATHLON
  Participated in the CODE RED 2.0 TRIATHLON project with an attendance system innovation.
  Led the integration of sentiment analysis technology for real-time.
  Contributed to attendee welfare by implementing sentiment analysis in the system.
- RTU Poornima Hackathon 2021
  Proficient in Python and Java for versatile programming tasks.
  Specialized in web development with Flask and Django, enhancing project efficiency.
  Showcased creativity by designing an integrated application for eye, hand, and object detection.

Organizing Events:
- Manthan International debate competitions
- AWS Campus Days - Lead
- AWS Community Days Rajasthan 2023
- AWS Community Days Rajasthan 2024

SOCIAL LINKS

- [Github](#)
- [Github personal](#)
- [Twitter](#)
- [LinkedIn](#)
- [Youtube](#)