

KRANTHI ATLA

PYTHON DEVELOPER

+91 7013273077

Hyderabad

atlakranthi06@gmail.com

PROFESSIONAL SUMMARY

- Python Developer with 3+ years of experience in building and optimizing scalable web applications.
- Proficient in backend development using Django, FastAPI, and MySQL, following microservices architecture.
- Skilled in developing RESTful APIs for seamless communication between services.
- Strong expertise in Django ORM for efficient database interactions and performance optimization.
- Hands-on experience with AWS services (EC2, S3, Lambda, IAM) for cloud-based application deployment.
- Integrated Splunk for monitoring, log analysis, and debugging to ensure application reliability.
- Experience in database design and query optimization for improved performance in MySQL and PostgreSQL.
- Familiar with Agile methodologies, version control using Git/GitHub, and JIRA for project management.
- Knowledgeable in data analysis and visualization using NumPy, Pandas
- Strong problem-solving skills with a quick-learning mindset, adaptable to evolving business needs and new technologies.

EDUCATION	SATHYABAMA UNIVERSITY	B.E(CSE)	2016-2020
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TECHNICAL SKILLS

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| • PYTHON | • FAST API | • VSCODE | • GIT,GITHUB |
| • DJANGO | • NUMPY | • PYCHARM | • JIRA |
| • MYSQL | • PANDAS | • AWS(S3,EC2,LAMDA) | • REST APIS |

WORK EXPERIENCE

Project2: PSE (Puget Sound Energy)

COMPANY:IBM

Duration: Mar 18 2024-TillDate

DESCRIPTION:

Worked on the PSE (Puget Sound Energy) project, a large-scale web application designed for energy management and customer services. Developed and maintained backend systems using Python, Django, and MySQL, ensuring seamless data processing and performance optimization.

ROLES & RESPONSIBILITIES:

- Developed RESTful APIs using Django and Django Rest Framework (DRF) for efficient data communication.
- Designed and optimized MySQL database schemas for better performance and scalability.
- Utilized Django ORM for efficient data management and optimized queries.
- Integrated Splunk for monitoring user activities, logs, and error tracking.
- Worked with AWS services for data storage and application deployment.
- Debugged and resolved production issues, ensuring application reliability.
- Collaborated with cross-functional teams in an Agile environment to meet project deadlines.

ENVIRONMENT:

PYTHON, DJANGO, MYSQL, DJANGO REST FRAMEWORK (DRF), SPLUNK, AWS, GIT

WORK EXPERIENCE

Project1: MIR(Marketing Intelligence Report)

COMPANY: ACCENTURE

DURATION: FEB 2022– MAR 2024

DESCRIPTION:

The Market Intelligence Report (MIR) project focuses on collecting, processing, and analyzing market data to provide valuable insights into industry trends, competitor strategies, and business opportunities. It enables organizations to make data-driven decisions by leveraging real-time analytics and historical trends.

ROLES & RESPONSIBILITIES:

- Data Collection & Processing: Gathered and processed market data from Third party APIs to identify trends, competitive insights, and business opportunities.
- API Development: Developed RESTful APIs to facilitate seamless data exchange between different modules and applications.
- Database Optimization: Designed and optimized PostgreSQL databases to store and retrieve market insights efficiently.
- Performance Improvements: Implemented query optimizations and indexing strategies, improving report generation speed by 30%.
- Automation & Reporting: Automated data pipelines to generate real-time market intelligence reports, reducing manual effort and improving accuracy.
- Visualization & Insights: Created interactive dashboards to present market trends and insights, enhancing data-driven decision-making.
- Front-End Development: Designed and developed user interfaces using HTML & CSS, ensuring a responsive and visually appealing presentation of market insights.