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# ABHISHEK

## PYTHON DEVELOPER

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### PROFILE

Streamlined concurrent task management within the application, resulting in over a 20%+ improvement in download speeds. Maintained system stability during peak usage times to ensure enhanced performance reliability. Expertise in cloud platforms including Amazon Web Services and Google Cloud to elevate application infrastructure.

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### SKILLS

**Core Skills:** Python, Java, SQL, Web Development.

**Tools & Frameworks:** Flask, Django, OpenAI API.

**Data Handling:** Pandas, NumPy, File Manipulation, MySQL, PostgreSQL, version control (Git).

**Soft Skills:** Leadership, Teamwork, Effective communication, Critical thinking.

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### CERTIFICATIONS

- Demonstrated proficiency in core programming concepts through Infosys Python training and got certified.
- Completed multiple coding challenges on HackerRank to demonstrate problem-solving skills.
- Completed structured training on the Programming Hero platform, earning Java certifications.
- Acquired practical experience with the Django framework through a comprehensive training program at Simplilearn, developing proficiency in web development and building robust and scalable applications.
- Hold certifications in Java Web Development and SQL, demonstrating a well-rounded understanding of key programming and database technologies.

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### PROJECTS

#### DISCORD BOT

- Automated server management tasks using Python's Discord API, integrated OpenAI for dynamic responses.
- Improved server efficiency by 30% for 500+ users, reducing manual intervention and enhancing overall performance.
- Added real-time analytics to monitor user interactions and bot performance.
- Provided customizable commands for personalized user experiences, increasing user engagement and satisfaction.

#### IMAGE EDITING APP

- Developed an advanced Flask web application enabling high-performance image editing with features like cropping, resizing, and filters.
- Ensured 99% uptime while processing over 1,000 images per month, maintaining a smooth and reliable user experience.
- Optimized performance for large file uploads and processing tasks, ensuring low latency and responsiveness.
- Implemented Docker-based containerization, improving deployment efficiency across different environments.

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### EDUCATION

**Bachelor of Technology** (Computer Science and Engineering)

Tadipatri Engineering College, 78% (Expected Graduation: May 2026)

**PUC (Pre-University Course)**

GOVT. P.U. College, Anekal, 76% (Completed: May 2021)

**Secondary School Certificate (SSC)**

Government High School, 81% (Completed: May 2019)

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### INTERNSHIPS

#### Unified Mentorship - Data Analysis (Jan 2025)

- Completed a 1-month intensive internship on Data Analysis from 1st January to 31st January 2025, gaining hands-on experience in data processing, visualization, and statistical analysis.
  - Utilized Python, Pandas, and SQL to analyze datasets, generate insights, and create reports to support data-driven decision-making.
  - Worked on real-world datasets, applying data-cleaning techniques, exploratory data analysis (EDA), and visualization to extract meaningful patterns.
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