

Chaitanya Ratnaparkhi

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SUMMARY

Aspiring Software Developer with hands-on experience in full-stack development building scalable web applications, RESTful APIs, and database management. Skilled in Python, Java, JavaScript, FastAPI, Flask and SQL, with experience in optimizing server performance and integrating secure authentication systems.

SKILLS

Languages	C, C++, Python, Java, SQL
Frameworks	jQuery, Tailwind CSS, React.js, Node.js, Spring Boot, TensorFlow
Web Technologies	HTML, CSS, PHP (Basic), Bootstrap, JavaScript, XML
Database	MySQL, Oracle
Tools	Power BI, Postman, Tableau, Google Analytics
Version Control	Git, GitHub
Soft Skills	Communication, Problem-solving, Teamwork, Detail-oriented

EDUCATION

Master of Science in Computer Science | Stevens Institute of Technology, NJ, USA | Expected May 2025

Bachelor of Engineering in Computer Science | Marathwada Mitra Mandal's College of Engg., India | June 2023

EXPERIENCE

Innovatus Technologies, India | Software Analyst | Aug 2021- May 2022

- Developed FastAPI microservices for Market Data collection, User Data management, and Bulk Data Load, improving API response times by 20%.
- Maintained and enhanced Java Spring Boot APIs, implementing globalization and localization updates while synchronizing PostgreSQL and Salesforce, improving data accuracy by 30%.
- Automated Salesforce Bulk Data ingestion using AWS Lambda, AppFlows, and S3 backups, reducing manual data handling by 40%.
- Utilized Git CLI and GitHub Desktop for efficient version control, ensuring seamless collaboration and code management.

PROJECTS

ArtistHub | May 2024

- Developed a feature-rich website integrating E-Commerce, Dashboard, User Registration, and Payment Gateway, ensuring seamless transactions.
- Optimized server architecture, improving data retrieval speed by 60%, enhancing performance and user experience.
- Strengthened backend stability and scalability through advanced routing and backend function optimization while maintaining high security standards.

Adventure (Game) | Nov 2023

- Built a text-based adventure game in Python using JSON for dynamic game map storage and interactive user navigation.
- Designed interconnected rooms with unique elements, enhancing gameplay depth and engagement.
- Ensured maintainability by incorporating inline documentation, facilitating easy future modifications.

JSON REST API for User Forums | Sept 2023

- Engineered a Flask-based API with SQLite, featuring user authentication, post creation, threaded replies, and date-based queries.
- Used Postman to test endpoints, implemented user profiles, and threaded replies.
- Conducted rigorous testing, eliminating bugs/issues, ensuring reliability in range-based queries and post retrieval. Delivered fully RESTful endpoints for CRUD operations, securing seamless user interactions.

Skin Disease Detection Using ML | Aug 2022

- Built an AI-powered web app using CNN for skin disease detection, achieving 94% accuracy with optimized hyperparameters.
- Enhanced model efficiency through data preprocessing, feature extraction, and MLFlow deployment for testing and production.