Amartya Srivastav

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ABOUT ME

Backend developer with 1+ year of experience in Python, NodeJS, FastAPI, and PostgreSQL. Specialized in API development and DBMS, with a focus on problem-solving. Excited about contributing to innovative projects.

SKILLS SUMMARY

- **Languages**:   Python, JavaScript, SQL
- **Technical**:   NodeJS, FastAPI, REST API, PostgreSQL, DBMS, MongoDB, ExpressJS Framework, Sequelize ORM, SQLAlchemy, Microservices Architecture, OpenAPI Specification, Git, DSA
- **Soft Skills**:   Leadership, Critical Thinking, Writing, Team Management, Time Management

EXPERIENCE

- **Celebal Technologies**   Jaipur
  Software Developer   *Dec 2022 - Present*

  Project 1: TATA Starbucks - Vision Analytics APIs (Backend Developer)

  Tech Stack: Python, Azure Functions, Azure SQL, pyodbc
  - Developed Python RESTful APIs with Azure Function App for efficient data exchange.
  - Increased API response time by 70% through performance optimization techniques.
  - Managed SQL and MSSQL databases securely for data storage and retrieval.

  Project 2: Employee Engagement - CRM Portal (Backend Developer)

  Tech Stack: NodeJS, Python, CosmosDB(NoSQL), Azure Key Vault, Azure App Service, Azure DevOps
  - Developed a CRM web application for employee management and their projects.
  - Designed Backend APIs written in NodeJS and Python for different modules of the application.
  - Implemented email notifications for user-requested changes.
  - Automated 80% of manual and Excel-based tasks, significantly reducing reliance on manual work processes.

  Project 3: CommerceNext - E-commerce Platform (Backend Developer)

  Tech Stack: NodeJS, Python, Express, FastAPI, PostgreSQL, Docker, Kubernetes
  - Designed and implemented microservices architecture for scalable and maintainable backend systems.
  - Developed RESTful APIs using NodeJS and FastAPI to facilitate communication between microservices.
  - Utilized Docker and Kubernetes for containerization and orchestration of microservices.
  - Ensured data integrity and reliability with PostgreSQL databases.

  Project 4: UTZ Foods - API Management (Cloud Automation Engineer)

  Tech Stack: Azure APIM, Virtual Network, Azure App Service, Azure VMs, Azure Functions, App Gateway
  - Configured APIM for UTZ Foods, streamlining API management.
  - Implemented policies on APIs for enhanced control and security.
  - Secured APIM through internal VNet integration on Azure for robust protection.
  - Improved API scalability by 50% through optimized configuration and load balancing techniques.

- **Dispatch For You LLC**   Remote
  Software Developer (Part Time)   *Jul 2022 - Nov 2022*

  Tech Stack: Python, FastAPI, NodeJS
  - Led the team of 4 backend developers working on a live logistics project, ensuring timely delivery and efficient operations.
  - Designed Backend APIs written in NodeJS and Python for different modules of the application.

PROJECTS

- **NEMESIS - Virtual Voice Assistant**   github.com/Amartya-Srivastav/Nemesis
  - NEMESIS, a desktop assistant is a voice assistant that can perform many daily tasks of desktop with the help of a single voice command. **Tech:** Python, Cloud, AI, Machine Learning, API calling, QT Designer.

- **Face Recognition System**
  - Face Recognition is a technology in computer vision. In Face recognition / detection we locate and visualize the human faces in any digital image. **Tech:** Python, OpenCV, Machine Learning, AI

EDUCATION

- **Poornima University**   Jaipur, India
  Bachelor of Technology - Computer Engineering: CGPA: 8.26   *Aug 2019 - April 2023*

  Specialization: *Cloud Technology and Information Security*

- **Mount Litera Zee School**   Gandhidham, India
  XII Standard - Science; Percentage: 73   *2018 - 2019*

  Subjects: *Physics, Chemistry, Math*

CERTIFICATIONS & ACHIEVEMENTS

- Microsoft Certified: Azure Fundamentals (AZ-900)   https://www.credly.com/badges/