PAVAN KALYAN ANDE

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Chintalapudi, Duggirala Mandal, Andhra Pradesh - 522306, India

OBJECTIVE

Aspiring software developer with 2.5 years of experience, seeking to contribute to innovative and impactful projects. Skilled in Python, API integration, and web technologies like HTML, CSS, and JavaScript. Eager to grow in a dynamic environment while delivering efficient and scalable solutions.

SKILLS

- **Programming Languages:** C, Java, Python
- **Web Technologies:** HTML, CSS, JavaScript(ES6+), ReactJS(Begginer)
- **Database Systems:** MongoDB,MySQL
- **Tools Platforms:** GitHub, Postman, VS Code, JIRA, Excel
- **Concepts:** RESTful APIs, CRUD Operations, Unit Testing (PyTest), Agile Methodology, CI/CD (basic knowledge), JSON/XML parsing, Error Handling

EXPERIENCE

- **Infosys** *July 2021 - December 2023*
  Senior Systems Engineer Hyderabad, India
  - Developed and deployed over 25 RESTful APIs using Python, FastAPI, and MongoDB, reducing backend latency by 30%.
  - Built modular, reusable components for data transformation using Python (Pandas) and JavaScript.
  - Leveraged Pandas for efficient data manipulation and preprocessing in backend workflows.
  - Integrated MongoDB, optimized queries, and ensured robust data retrieval and storage.
  - Mentored 5+ junior developers, promoting Python and FastAPI best practices through regular code reviews and knowledge sharing.
  - Built automated unit tests with PyTest, achieving 85% code coverage and reducing bugs in production by 20%.

- **Infosys** *February 2021 - May 2021*
  Intern Remote
  - Contributed to front-end development by supporting HTML and JavaScript-based UI enhancements and fixes.
  - Assisted in debugging and resolving UI-related issues to ensure smooth user interactions.
  - Applied logical thinking to implement interactive features and validations using JavaScript.
  - Optimized web pages for performance, accessibility, and responsiveness.
  - Gained hands-on experience in enhancing user experience through efficient code structuring and design improvements.

PROJECTS

- **RESTful API Mock Server**

  - Developed a fully functional mock server using FastAPI and MongoDB to simulate backend services.
  - Implemented complete CRUD operations, enabling easy testing and integration with frontend apps.
  - Integrated Swagger UI for seamless API documentation and interactive exploration of endpoints.

- **Data Cleaning and Visualization Tool**

  - Created robust Python scripts using Pandas to clean, transform, and preprocess large datasets.
  - Leveraged Matplotlib to generate insightful visualizations for pattern analysis and reporting.
  - Automated the entire data pipeline to support repeatable analysis and improve decision-making accuracy.

EDUCATION

- **KL University**
  B Tech Computer Science and Engineering
  ◦ GPA: 8.01/10.00

  June 2017 - April 2021
  Vaddeswaram, Guntur, India

- **Raman Bhavan III**
  MPC
  ◦ Grade: 95.9%

  May 2017
  Vijayawada, India

- **Sri Chaitanya Techno School**
  Secondary Education
  ◦ GPA: 9.5/10

  May 2015
  Repalle, India

CERTIFICATIONS

- **Fundamentals of Data Analytics, Coursera**
- **Data Science with Python, SimpliLearn**

VOLUNTEER EXPERIENCE

◦ Assisted students in registering for EAMCET exams, ensuring successful and timely application submissions.

◦ Helped local villagers with voter ID registration and guided them through various government service applications.

◦ Promoted digital awareness and provided support for navigating online government portals.

◦ Led and coordinated club activities focused on Augmented Reality (AR) innovation and learning.