Prashant Rajpoot

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Summary

Results-driven Full Stack Developer with 1.9 years experience building scalable web applications. Proficient in Python (FastAPI,Flask), React, MongoDB, PostgreSQL, and Node.js. Expertise in front-end and back-end development, clean code, performance optimization, and enhancing user experience.

Technologies

Technologies : FastApi,Flask, WebSocket, Node.js, React.js,Redis,GraphQL, RESTful APIs.

Languages : Python, JavaScript.

Databases : MongoDB, PostgreSQL.

Tools : Git, Docker, Postman, SVN, VS Code.

IT Constructs : Data Structures Algorithms (DSA), Object-Oriented Programming (OOP), Operating Systems (OS)

Experience

Software Developer | Velocis Systems Private Limited   Sept 2023 – Present

- Designed, developed, and deployed scalable and secure web applications using Python (FastAPI) and MongoDB, adhering to OWASP guidelines and implementing robust data security measures. Resulted in a 20% reduction in project expenses.
- Streamlined backend development workflows using FastAPI, leading to a 25% improvement in overall project efficiency. Implemented automated testing and CI/CD pipelines.
- Developed RESTful APIs with Python (FastAPI) to power real-time communication features (instant messaging, live updates) using WebSockets. Enhanced user engagement and data transfer speeds.
- Automated critical system processes with Python scripts and cron jobs, improving operational efficiency and reducing manual intervention.
- Developed the frontend using React.js, utilizing React Hooks, improving code readability, performance, and maintainability.
- Integrated third-party APIs, ensuring seamless data transfer and enhancing the user experience.

Projects

The Observer

- A network monitoring platform that tracks key metrics like bandwidth, latency, uptime, and error rates. Integrated with tools like D-NAC, SolarWinds, ServiceNow, and ThousandEyes to ensure optimal performance and device health in real-time.
- Tools Used: DNA-C, ServiceNow, ThousandEyes, Cisco vManage,

V-Automate

- An automation project aimed at retrieving and updating network device configurations (routers, switches, firewalls) for improved performance, security, and scalability. Utilized Ansible and custom scripts to streamline configuration updates.
- Tools Used: DNA-C, SolarWinds, Cisco Identity Services Engine(ISE)

Education

AKTU Lucknow, Master of Computer Applications (MCA)   Sept 2021 – May 2023

CCS University Meerut, Bachelor of Computer Applications (BCA)   Aug 2018 – June 2021