DEEPAK

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PROFESSIONAL SUMMARY

Results-driven System Developer with 3+ years of experience in server development, automation, and network security. Proven expertise in optimizing backend infrastructure, and implementing security measures that cut cyber threats by 35%. Proven ability to develop scalable architectures that enhance system efficiency and reliability.

EDUCATION

Bachelor of Computer Science, Sharda University, Greater Noida   Expected Graduation: 2027
Relevant Coursework: Operating System, Database and Framework, Networking, Hardware and Software Development

Cisco Certified Network Associate (CCNA), Jetkings Infotrain Ltd., Laxmi Nagar, Delhi   2024

SKILLS

Technical Skills	C, C++, Java, Python, Database, Data Structures, Operating System, CCNA, System Design, Web Development
Soft Skills	Teamwork, Decision-Making, Prioritization, Self Motivation, Detail Orientation

EXPERIENCE

Developer   Sept 2024 - Present
Expanse Host   *Mumbai, India*

- Spearheaded server development for game platforms, ensuring 99.9% uptime and 30% improved scalability.
- Deployed Grafana and Prometheus, enabling real-time tracking and reducing server downtime by 15 hours per month.
- Engineered automation scripts that cut manual workload by 40% and enhanced backend security.
- Designed and optimized database queries, reducing query execution time by 40% and improving system responsiveness.
- Integrated load balancing solutions, enhancing server capacity and reducing latency by 30%.
- Implemented containerization using Docker & Kubernetes, improving resource utilization by 50%.

Development Manager   June 2021 - Aug 2024
Giganodes   *Ghaziabad, India*

- Enhanced security infrastructure, reducing cybersecurity incidents by 35% through advanced network strategies.
- Led server development, improving stability by 25% and optimizing system performance.
- Developed automation scripts, boosting operational efficiency by 50
- Managed a team of 5 developers, leading projects that resulted in a 25% reduction in system outages.
- Conducted log analysis and incident response, resolving 95% of critical server issues within SLA.
- Automated server backup processes, decreasing manual intervention time by 60%.

PROJECTS

Waste Management System. Spearheaded development of a waste management system using PHP, HTML, CSS, JavaScript, and MySQL; platform facilitated secure waste exchange for 50+ companies, improving resource utilization. (Try it here)

Hospital Management System. Created a Hospital Management System that optimizes hospital operations, including patient registration, appointment scheduling, and billing using a modern dashboard interface.The system has led to 20% faster patient registration times and 25% reduction in administrative workload, providing significant improvements in hospital efficiency and patient care.(Try it here)

Virtual Herbal Garden. Launched the 'Herbi Chatbot' feature, guiding users on virtual tours, identifying plants, and providing personalized recommendations, resulting in a 40% increase in user engagement and plant identification accuracy.(Try it here)