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 reduced 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, Docker
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

TAP (Training and Placement Portal)

- Built a comprehensive Training and Placement Portal for streamlining placement workflows across 5+ modules including student registration, job postings, and recruiter dashboards.

- Enchanced student onboarding efficiency by 40% and centralized data access for over 1,000 users including faculty, students, and recruiters.
- Integrated real-time eligibility checking and automated shortlisting, reducing manual errors and administrative time by 60%.

PhishGuard

- Architected a real-time phishing detection tool using Python and machine learning (Random Forest, SVM), achieving 96% accuracy on test datasets.
- Trained the model on over 11,000 URLs, optimizing feature selection to improve detection speed by 35%.
- Launched a user-friendly interface for secure URL scanning and classification, enhancing end-user safety and awareness.

Imagify (AI Images Generator)

- Crafted a full-stack image captioning web app using the MERN stack (MongoDB, Express.js, React.js, Node.js) with integrated external APIs for image analysis and caption generation.
- Enabled users to upload images, generate contextual captions, and manage caption history through a responsive and intuitive UI.
- Elevated user engagement by 50% by offering seamless UX, real-time caption generation, and multi-device compatibility.

NutriVision

- Designed an AI-powered food recognition and nutrition analysis app using deep learning and computer vision (PyTorch, FastAPI, Flask, Vision Transformers).
- Achieved 95% accuracy in identifying and classifying food items across 20+ categories, significantly enhancing dietary tracking precision..
- Integrated personalized diet recommendations and visual dashboards, improving user retention by 45%.