ABHISHEK MANDAL

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OBJECTIVE

DevOps enthusiast with strong system administration background, seeking opportunities to leverage containerization and automation skills to optimize development workflows and enhance system reliability. Passionate about implementing modern DevOps practices and continuous learning.

EXPERIENCE

Junior DevOps System Administrator   Nov 2023 - Present
SAPNATECH INDIA LLP   *Goa, India*

- Implemented and managed Docker containers for application deployment, improving deployment efficiency by 40%
- Developed and maintained shell scripts for automated deployment and system maintenance
- Configured and optimized LAMP stack environments on Debian GNU/Linux servers, achieving 99.9% uptime
- Performed regular system monitoring and maintenance to ensure optimal performance
- Implemented security best practices and conducted regular vulnerability assessments
- Provided technical support to development teams, streamlining deployment processes

Helpdesk Engineer   Jun 2023 - Nov 2023
MICROSENSE NETWORKS PRIVATE LIMITED   *Candolim, Goa*

- Managed network infrastructure for Taj Holiday Village, ensuring 99.9% uptime
- Provided technical support and troubleshooting for complex network issues
- Implemented security measures to protect network infrastructure
- Monitored system performance and conducted regular maintenance

Full Stack Development Intern   Jan 2019 - Jun 2019
HDSOFT Technologies Private Limited   *Bicholim, Goa*

- Developed SETU, a comprehensive Human Resource Management System using React.js and Node.js
- Implemented robust database architecture using PostgreSQL
- Utilized Git for version control and collaborative development
- Successfully converted internship project into final year BCA project

TECHNICAL SKILLS

Containerization & Orchestration	Docker, Docker Compose, Kubernetes (learning phase)
System Administration	Linux (Debian, Ubuntu), Shell Scripting, LAMP Stack Management
Automation & Configuration	Ansible, Bash Scripting, Automated Deployment
Cloud & Infrastructure	AWS (EC2, S3, Basic Networking), Virtualization, Server Management
Security & Compliance	System Hardening, Security Auditing, Vulnerability Assessment
Networking & DNS	DNS Configuration, Network Security, SSL/TLS, Load Balancing
Development Tools	Git, GitHub, CI/CD Pipelines, Collaborative Development
Programming & Scripting	JavaScript (Node.js, React.js), Python, HTML/CSS
Databases & Data Management	PostgreSQL, MySQL, Database Administration

EDUCATION

Bachelor of Computer Applications   2020 - 2023
DMC College, Assagao
CGPA: 8.80
Relevant Coursework:

- Advanced Web Technologies and Development
- Database Management Systems
- Computer Networks and Security
- Operating Systems and System Administration
- Software Engineering and Development Practices

Higher Secondary (Computer Science)   2018 - 2020
DMs HSS, Assagao
Percentage: 73%
Key Focus: Programming Fundamentals, Computer Science Basics

Secondary School   2018
L.F.J.H.S, Calangute
Percentage: 72.5%

KEY PROJECTS

- **Automated Deployment System**: Developed shell scripts for streamlined application deployment
- **LAMP Stack Optimization**: Configured and fine-tuned web servers for optimal performance
- **SETU HRMS**: Full-stack application with focus on scalability and user experience

ADDITIONAL INTERESTS

- Photography enthusiast with a keen eye for composition
- Continuous learner, regularly exploring new technologies
- Active participant in tech communities and forums
- Enjoys traveling and experiencing different cultures