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## Professional Summary

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Full-stack software developer with 2+ years of experience building responsive web applications and scalable backend systems. Proficient in front-end and back-end development, API integration, and cloud-based solutions. Skilled in debugging, optimizing performance, and implementing security best practices. Strong interest in leveraging cutting-edge technologies to deliver innovative solutions and improve project outcomes.

## SKILLS

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- **Programming Languages:** HTML, CSS, JavaScript, PHP, SQL, C
- **Frameworks and Libraries:** React, Bootstrap, jQuery
- **Databases:** MySQL, DynamoDB
- **DevOps and Cloud:** AWS (VPC, S3, EC2, EBS, IAM, Lambda, ECS, CloudFormation, and cost optimization techniques), Docker, CI/CD pipelines, Jenkins, Kubernetes, Terraform, Ansible, Puppet, Chef
- **Networking:** Network protocols, LAN/WAN troubleshooting, configuration, TCP/IP, HTTP, FTP
- **Security:** Vulnerability assessment, penetration testing, secure access control
- **Tools:** Git, Postman, Visual Studio Code, Selenium
- **Operating Systems:** Linux, macOS, Windows

## WORK EXPERIENCE

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### Project Lead | Full-Stack Software Developer

Lumos Learning | Dec 2022 – Present

- Developed and maintained 10+ responsive websites, improving user experience and reducing bounce rates.
- Collaborated with cross-functional teams, streamlining project workflows and reducing delivery timelines by 15%.
- Designed and implemented efficient backend systems using PHP and SQL, improving data management and reducing processing time by 25% for applications with real-time data requirements.
- Upgraded website assets and refactored code, reducing load times by 30%, leading to a 10% increase in site engagement.
- Debugged and resolved 95% of production issues within SLA timelines, enhancing platform stability.

## Intern - Web Development

Lumos Learning | Aug 2022 – Sep 2022

- Contributed to front-end enhancements, ensuring 100% responsiveness and cross-browser compatibility.
- Addressed and resolved 90% of assigned tickets, improving application stability and reducing downtime.
- Gained hands-on experience in debugging and maintaining production web applications, resolving 90% of reported issues and improving system efficiency by 20%.

## Projects

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### Real-Time Table Update System for Web Applications

**Tools/Technologies:** HTML, CSS, Bootstrap, SQL, PHP, JavaScript

1. Architected a PHP-based API infrastructure to streamline database interactions, shortening response times by 30% while guaranteeing JSON output, and improving application performance.
2. Optimized MySQL queries for efficient data storage and retrieval, improving database performance by 25%.
3. Built a responsive front-end using JavaScript's `fetch()` API, enabling real-time updates and enhancing user experience, reducing page load dependencies by 40%.
4. **Impact:** Improved user experience and reduced server response time by **25%** through query optimization.

### Vehicle Tracking and Locking System

**Tools/Technologies:** IoT, Arduino, C

1. Built a vehicle tracking and security system by integrating GPS and GSM modules with microcontrollers, enabling real-time location tracking and remote locking, reducing response time by 40%.
2. Implemented SMS-based commands for remote vehicle control, enhancing security against theft.
3. Coordinated hardware and software integration, ensuring seamless functionality.

### AWS Cloud Infrastructure Setup

**Tools/Technologies:** AWS (VPC, S3, EBS, IAM, ELB, SNS, SQS)

1. Designed and deployed a scalable AWS cloud infrastructure, optimizing performance and security through VPC, subnets, and NAT Gateways, reducing latency by 30% and improving resource efficiency by 25%.
2. Configured Elastic Load Balancers and IAM policies to ensure secure and improved performance.
3. Utilized CloudWatch for performance monitoring and cost management.
4. **Impact:** Delivered a scalable and secure cloud infrastructure to meet organizational needs.

## Certifications and Training

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- **AWS Certified Solutions Architect** (In Progress)
- **Certified Web Developer** – Front-End and Back-End Specialization

## Education

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**B.E. in Electronics and Communication Engineering**

KSSEM College, Bangalore | Class of 2022