Madhav Sandeep Lonkar

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Education

Sinhgad Academy of Engineering	Pune, Maharashtra
B.E. - Computer Science & Engineering — CGPA: 9.22 / 10	*2020 – 2024*
Kondiram Sadashiv Kshirsagar Bhigwan	Indapur
12th HSC — Percentage: 77.08%	*2020*
Vidya Pratishtan's Someshwar English Medium School	Baramati
10th SSC — Percentage: 91.60%	*2018*

Skills

Programming Languages: Java, JSP, Servlets, MySQL

Frameworks: Spring Boot, Spring Security, Hibernate, J2EE, Thymeleaf, WebServices, REST API

Tools: Git, CI/CD, Postman, Jenkins, AWS, Linux, Maven, Eclipse, Trello

Soft Skills: Leadership, Teamwork, Communication

Experience

Revature — *Java Full Stack Developer Trainee*   June 2024 – Present
- Engaged in a 3-month intensive training program for Java Full Stack Development.
- Acquired advanced skills in Java, SDLC, Agile, Maven, Logging, JUnit, SQL, JDBC, Multithreading, I/O Streams, JSP, Servlets, Spring, Spring Boot, and Hibernate.
- Contributed to Agile product development, accelerating delivery timelines by 20%.

Zplus Cyber Secure Technology Pvt Ltd — *Java Developer*   Feb 2023 – May 2023
- Engineered and deployed over 10 APIs using Spring Boot, enhancing the HRMS system by 30%.
- Optimized the deployment process, improving efficiency by 40% through CI/CD pipelines with Git and Jenkins.

Projects

Human Resource Management System — Spring Boot, Git, CI/CD, Thymeleaf, MySQL, REST APIs
- Architected a modular HRMS with 15+ features, enhancing employee management workflows by 35%.
- Improved overall system efficiency by 35% through optimized API development in Spring Boot.

Payroll Management System — Servlets, JSP, HTML, MySQL
- Automated payroll and tax processing, reducing manual intervention by 50%.
- Secured login mechanisms with two-factor authentication, increasing security by 60%.

RevShop E-Commerce Application — Servlet, JSP, MySQL
- Designed an e-commerce platform supporting 500+ products, featuring seamless cart and checkout workflows.
- Enhanced session handling for shopping cart functionality, resulting in a 20% boost in user retention.

RevShop 2.0 E-Commerce Application — Spring Boot, Hibernate, Spring Security
- Refactored and scaled RevShop to accommodate 1000+ users by optimizing backend services.
- Implemented role-based access control with Spring Security, increasing system security by 45%.

Login Detection — Java, SMTP, Webcam
- Developed a login detection system that captures unauthorized access attempts, increasing security by 40%.
- Configured Java to trigger webcam captures on startup and send alerts via SMTP, improving incident response.

Zplus Total Security Antivirus — Antivirus Development, Parental Controls, Cache Cleaning
- Engineered a comprehensive antivirus solution used by 1000+ users, boosting security by 50%.
- Enhanced device performance by 20% through advanced cache cleaning mechanism.

Certifications

AWS Certified Cloud Practitioner (ID: N4Y308QDSNEEQQCQ)

Red Team Training (Aggregate: 70/100)

Persistent Martian Program (Certification by Persistent System)

Ethical Hacking Essentials (Certification by CodeRed (EC-Council))

Achievements

Achieved 3rd position in a college-level Project Competition, earning a cash prize.

Runner-up in College Level Hackathon, competing against 10+ teams.

Member of Cypher Cell (Coding Club), where we hosted multiple coding workshops and hackathons.

Personal Interests

Cybersecurity, Trekking, Music, Penetration Testing