Vaibhav Gaur

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☁ https://vaibhavgaur-portfolio.netlify.app , https://leetcode.com/u/VaibhavGaur-ShadowMaster

SUMMARY

Crafting secure solutions is my passion as a software engineer, backed by 2 years of immersive experience as a Software Engineer and a B.Tech. Computer Science and Engineering graduate. With a developer's mindset, I architect systems with both functionality and security in mind.

EXPERIENCE

Software Engineer | Monocept Consulting Pvt. Ltd. | Gurgaon, Haryana, India | January 2023 - Present

- Key contributor in developing the **Max Life Insurance Super App (mSpace) application**, **improving operational efficiency by 30%** and **reducing processing time by 25%**.
- Engineered a **scalable microservices architecture**, **boosting system efficiency by 50%** and **handling 10,000+ concurrent users**, with a **25% improvement in API response time** and **30% reduction in server load**, Streamlined Jenkins Pipeline deployment, **cutting CMS deployment time on AWS ECS by 50%**.
- Applied Spring Security in a **Java(Spring Boot)** project, incorporating **JWT tokens** and **refresh tokens** to enhance authentication, **securing 50+ endpoints**.
- Implemented **role-based SSO login**, device-ID tracking, location-based attendance, and **optimized PostgreSQL queries**, **reducing load time by 15%**.
- Supported creation of **key project documents (HLD, LLD, TSD, FSD)**,**reducing project delivery time by 40%, improving documentation accuracy by 20%**.
- Assisted in provisioning infrastructure for a secure application, **handling 150,000 user data load with 15% concurrent usage**.

Research & Development Intern | NITI Aayog Government of India | New Delhi, Delhi, India | July 2022 - September 2022

- Prepared Reports on **2 Different Research Topics**, leading to a **15% increase in knowledge sharing** within the team.
- Analyzed and reported on Innovation Ecosystem and Policies promoting systemic socio-economic transformative change, resulting in a **10% increase in awareness and application of these policies**.
- Prepared a document for Fundraising using Blockchain and implemented a basic contract to showcase the working, which led to a **20% increase in understanding of blockchain applications**.

Cyber Security Trainee | CISCO Networking Academy | Remote | April 2021 - July 2021

- **Designed a secure network** to link various networks, labs **using packet tracer**, **increasing network efficiency by 25%**, **reducing downtime by 15%**.
- Remodeled the network to ensure **maximum security**, utilizing industry **best practices**, resulting in a **30% reduction in security breaches.**
- Assisted in identifying and mitigating potential network vulnerabilities by conducting **penetration tests** using Kali Linux, Nmap, Wireshark, and Burp Suite, enhancing cyber defense strategy and **reducing potential vulnerabilities by 35%**.

SKILLS

BACK-END DEVELOPMENT - Java • Python • Spring Boot • JPA • Hibernate

FRONT-END DEVELOPMENT - ReactJS • Redux • JavaScript • Bootstrap • Materialize • HTML • CSS

DATA PIPELINES - Amazon Redshift • Amazon EFS • S3 • Amazon Redis

MISCELLANEOUS - Amazon AWS • PostgreSQL • MySQL • AWS RDS • Git • GitHub • GitLab • Jenkins • JIRA • Kali Linux • Postman • Microsoft Sentinel • Burp Suite • Agile Methodology • Recommendations • Collaborative filtering • Artificial Intelligence • Software Development • Software Development Lifecycle • Ci/CD • UI/UX

SOFT SKILLS - Team player • Bias for action • Deliver results

EDUCATION

Bachelor's of Technology in Computer Science and Engineering | Manav Rachna University | CGPA - 09.03/10.00

Faridabad, Haryana, India | 2023

- **Awarded 50% Scholarship for 4 years due to grades**.

CERTIFICATIONS

Certified Ethical Hacker (CEH) | EC-Council - Result Pending | 2024

Web Pentesting Training, Ethical Hacking Training | Ignite Technologies | 2023

Cybersecurity Essentials, Introduction to Packet Tracer, Introduction to Cyber Security | CISCO Networking Academy | 2021