Ashok Selvakumar

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Professional Summary

Full-Stack Developer with over **2 years** of professional experience in **Java Backend**, delivering enterprise-grade applications. Proven track record of resolving 700+ incidents within stipulated SLA. Committed to continuous learning and leveraging emerging technologies to drive innovation and efficiency. Currently seeking a challenging role to contribute to high-quality business solutions on time.

EXPERIENCE: WORK

1. Programmer Analyst| Cognizant Technological Solutions.

October 2021 – August 2023

- Provided support for the underwriting portal of a leading insurance firm, resolving over **700** incidents.
- Spearheaded the resolution of **50+ problem tickets** by researching and identifying root causes, preventing future incidents.
- Conducted **knowledge transfer sessions** to improve cross-team technical expertise and documented recurring issue resolutions.
- Responded to and remedied critical issues to limit downtime by 30%.
- Proposed a refined **SQL script approach**, improving processing time by 40%.
- Handled incident management tools like **ServiceNow** and **JIRA** to improve service delivery.

2. Intern| Cognizant Technological Solutions.

March 2021 – July 2021

- Demonstrated ability to self-manage tasks and objectives.
- Gained hands-on experience with **full-stack development** and consistently explored new technologies to enhance team capabilities.
- Implemented best practices for code management by utilizing version control systems (Git/GitHub) to maintain code integrity and facilitate collaboration.
- Exhibited strong communication skills including ability to comfortably engage with internal and external customers.

EXPERIENCE: PROJECTS

1. Stock Pro Web-Application | Northumbria University

September 2024

- Engineered an inventory management solution utilizing **Spring Boot**, **Angular**, and **MySQL**, automating stock control, reducing manual inefficiencies, and improving operational efficiency by 50%.
- Incorporated real-time inventory tracking and AI-driven sales forecasting, resulting in optimized stock levels.
- Conducted unit, integration, and system testing to ensure functionality, interaction, and reliability, reducing defects by 50%.

2. **Application Security Testing | Northumbria University**

May 2024

- Identified and addressed 10+ critical security vulnerabilities in the "Available Cars" application using **Nmap**, **SQLMap**, and **Wireshark**.
- Improved overall application security by **50%** by addressing **OWASP Top 10 risks**.
- Prepared detailed vulnerability report outlining mitigation plans adhering to industry-level security standards.

3. **Web- Application on Cloud Infrastructure | Northumbria University**

May 2024

- Deployed a web application on AWS using EC2 and S3 for scalable hosting.
- Revised database performance with AWS RDS, ensuring high availability.
- Secured the application on AWS by configuring IAM roles and enabling data encryption.

4. **Available Cars Web-Application | Northumbria University**

January 2024

- Developed the server-side functionality of a secure car renting platform using **PHP** to enable users to post and rent cars.
- Integrated secure **payment processing** and **location tracking** functionality to enhance car rental process.

5. **City Classifieds Web-Application | Cognizant Technology Solutions**

May 2021

- Created a dynamic forum using Angular, Spring Boot, and MySQL, streamlining access to discover attractions in 100+ cities worldwide.
- Delivered an intuitive and engaging user experience with seamless navigation and responsive design.

EDUCATION

MSc Web and Mobile Development Technologies | Northumbria University, London.

September 2023 - Present.

Bachelors in Electronics and Instrumentation Engineering | Anna University Affiliated – Panimalar Engineering College, Chennai.

July 2017 – August 2021.

SKILLS & TOOLS

- **Web Development** - HTML, CSS, JavaScript, Angular
- **Programming Languages** – Java, PHP, Kotlin, Python
- **Databases** – MySQL, IBM Db2, Firebase Database
- **Version Control** – Git, GitHub
- **Testing Tools** – SOAPUI, Postman

CERTIFICATIONS & ACCOMPLISHMENTS

- **IELTS** with an Overall Band Score of 8.0 - Jan 2023.
- **British English Certificate** (B1) – University of Cambridge.
- **Automation System Engineer** – January 2021.
- **Cheers and Client Award (2023)** – Cognizant Technological Solutions.
- **Star Performer (2022)** – Cognizant Technological Solutions.
- **P2 Ember Legend** – The Crown Shirley.

ACKNOWLEDGEMENT

- I confirm that the information provided above is a true and accurate representation of my skills and experiences.

REFERENCES

- Reference details can be provided upon request.