

# 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.

*August 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*

- Created a dynamic forum using **Angular**, **Spring Boot**, and **MySQL**, streamlining access to information for 100 cities worldwide.
- Gained hands-on experience with **full-stack development** and consistently explored new technologies to enhance team capabilities.



## 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.



## 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.