Akhaury Verma

" Proficient in Java, Spring Boot, Unit Testing, API Testing, Angular and Grpc. Newly minted MCA graduate equipped with practical software development expertise acquired during a dynamic 6-month internship as a Software Developer Intern at Allstate India, ready to make an impactful entry into the world of technology. "

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EDUCATION

Master of Computer Application (MCA)
New Horizon College of Engineering

12/2021 - 12/2023   *Bangalore, Karnataka, India*
Score
○ 8.06 CGPA

Bachelor of Commerce (B.COM(H))
Arka Jain University

06/2018 - 06/2021   *Jamshedpur, Jharkhand, India*
Score
○ 8.20 CGPA

WORK EXPERIENCE

Software Engineer Intern
Kodem Lega Technologies

11/2023 - 12/2023
Achievements/Tasks

○ **Enhanced application security and user experience through a multi-tier verification system:** Designed and implemented a two-step verification process during login, combining access token validation with server-side session ID validation for robust security. Generated and tracked unique session IDs for each user, ensuring protection against unauthorized access and comprehensive error logging .Strategically leveraged local storage to maintain session IDs across logins for seamless user experiences on frequently used devices.

○ **Built a robust and well-tested full-stack application using modern technologies:** Defined Protobuf objects to standardize data structures for seamless frontend-backend interaction. Wrote comprehensive test cases using Spy for Angular and JUnit for Grpc to ensure code quality and prevent regressions.

○ **Optimized user experience through thoughtful features:** Implemented session persistence in local storage to prevent unnecessary session recreation for returning users, reducing friction and improving login speed. Gathered and stored critical user device information (IP address, device type, OS, browser, browser version) for enhanced security insights and potential user experience optimization
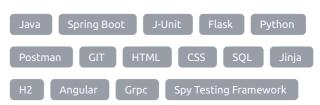
Software Developer Intern
AllState India

01/2023 - 07/2023   *Bangalore, Karnataka, India*
Achievements/Tasks

○ **Feature Enhancement:** Spearheaded the modification of key features, including the removal of the filter option and the optimization of discounts specific to various cities.

○ **Insurance Policy Logic Improvement:** Pioneered the development and implementation of an advanced discount logic for insurance policies, customized to multiple states.

○ **Proficiency in Unit Testing** : Gained valuable experience in unit testing by utilizing JUnit, reinforcing the reliability and stability of the system. Conducted exhaustive testing using Postman, guaranteeing the seamless performance and reliability of the API.

SKILLS

Java   Spring Boot   J-Unit   Flask   Python

Postman   GIT   HTML   CSS   SQL   Jinja

H2   Angular   Grpc   Spy Testing Framework

INSTITUTIONAL PROJECTS

Pet Care(E-Commerce Website) (09/2022 - 12/2022)
○ Developed a dynamic E-Commerce platform for pet enthusiasts using HTML and CSS for frontend design.
○ Leveraged Java and Spring Boot for robust backend functionality.
○ Delivered a user-friendly and responsive website to cater to the unique needs of pet owners and pet product buyers.
○ **Organization:** New Horizon College Engineering.
○ **Technology Used:** HTML, CSS, Java, Springboot.

Text Based Adventure Game (12/2023 - 04/2023)
○ Crafted an immersive text-based adventure game where players find themselves trapped in a relentless time loop.
○ Ingeniously incorporated time delay functions to heighten suspense and create a sense of urgency in the narrative.
○ Elevated the gaming experience by seamlessly integrating background audio, intensifying the overall thrill.
○ Challenged players to make critical choices, ensuring they can only break free from the time loop by making the right decisions
○ **Organization:** New Horizon College Engineering.
○ **Technology Used:** Python.

CERTIFICATES

Certification Link:-
https://drive.google.com/drive/folders/1Heg9vAWzCCNLeKtmO99cesBk0Acl2uUU ?usp=drive_link

LANGUAGES

English   Hindi
Full Professional Proficiency *Full Professional Proficiency*

CERTIFICATION

Python Beginners Course   Java: Testing with Junit

Java 8 for Professionals

Spring Boot 3, Spring 6 & Hibernate for Beginners