**Snigdha Kashyap**

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Enthusiastic, experienced software engineer with a passion for developing innovative solutions and aim at delivering high-quality software. Dedicated to continuous learning and leveraging technical skills to drive impactful projects. Specialised in Cyber security and Forensics during graduation.

**Skills**

* + Programming Languages | *J****ava, C, Python***
  + Frameworks | ***Spring Boot, JUnit****/Mockito****, Django***
  + Web Development | ***HTML, CSS, JavaScript*** *(Node JS)****, PHP***
  + Databases | ***MySQL, NoSQL*** *(MongoDB, Redis)****, MyBatis***
  + Mobile Development | ***Android Studio, XML***
  + Cloud Technologies | ***AWS***
  + Research Tools | ***MATLAB***
  + Development tools | ***Jenkins, GIT, Linux***

**Education**

* + **B.Tech Honors** *Computer Science and Engineering |* Sharda University (**2022**) **CGPA: 9.431**
  + **AISSCE** *(PCM) |* Birla Shiksha Kendra, Chittorgarh (**2018**) CBSE with **90.46%**
  + **AISSE** | St Paul’s School, Chittorgarh (**2016**) CBSE with **9.6 CGPA**

**Projects**

* + **5G Network Offloading and Load Balancing |** Conducted research to enhance 5G network offloading and load balancing, contributing to advancements in wireless communication technologies. | *Technology: MATLAB, Python, Research Analytics.*
  + **File Extension Converter |** Implemented a file extension converter for *Windows*, allowing seamless conversion between different file formats for enhanced usability. | *Technology: Python, Django framework.*
  + **Android Notes App with Fingerprint Security |** Designed a secure Android notes app with device fingerprint security, enabling CRUD operations on notes while ensuring privacy and confidentiality. | *Technology: Android Studio, Java, XML, SQLite.*
  + **Expense Tracker Android App |** Created a user-friendly app for efficient expense management, including currency conversion and advanced filtering options. | *Technology: Android Studio, Java, XML, SQLite, Paper library.*
  + **Carpooling Web Application |** Developed a comprehensive carpooling web application facilitating seamless carpooling with weather detection of selected locations. Features an interactive map interface as well. | *Technology: HTML, CSS, JavaScript, PHP, MySQL.*

**Work Experience**

**Software Development Engineer |** *Freecharge Payment Tech. (Axis Bank)* | *Gurugram, India* | *July 2022 - Present*

* + Developed a strong understanding of the *agile software development* lifecycle, enhancing project development using *Java, Springboot* and related effective tools and technologies.
  + Fostered effective communication within cross-functional technology teams including developers, QA Engineers and program managers.
  + Demonstrated ownership of *staging/production bugs* and *on-call issues*, effectively resolving them to maintain a seamless user experience.
  + Played a pivotal role in the *Merchant Onboarding project*, redesigning processes for enhanced security and compliance, while also contributing to multiple projects.
  + Conducted unit testing of code using *JUnit*, ensuring comprehensive test coverage.

**Quality Assurance Engineer |** *Superprocure, Kolkata (Remote)* | *October 2021 - April 2022*

* + Performed sanity and regression testing to ensure smooth product delivery and releases using manual and automation testing with tools like *JMeter* and *Selenium*.
  + Carried out t*est case documentation* and *execution*, maintaining a comprehensive testing process, and closely collaborated with cross-functional teams.

**QA Engineer Intern |** *Superprocure, Kolkata (Remote)* | *July 2021 - October 2021*

* + Supported the quality assurance process by performing sanity, feature, and regression testing, ensuring smooth releases.
  + *Collaborated within cross-functional teams* to maintain effective communication and coordination.
  + Performed *test case documentation*, *execution*, and utilised tools like *JIRA, selenium* to enhance testing process.
  + Played key role in maintaining the quality of *SaaS-based logistics products*, contributing to the logistics industry through innovative software solutions.

**Achievements**

* + Qualified **GATE CSE 2020** in the first attempt.
  + Honourable Mention in **English Creative Writing** during Class XI by **UNIC** (India and Bhutan).
  + Actively participated in various **olympiads, coding challenges,** and **hackathons**, showcasing strong problem-solving skills.

**Positions of Responsibility**

* + Organised a **workshop** on **Cyber Security** and **Operating Systems/Linux** in the second year of graduation.
  + **Class Representative** in First year of graduation.
  + Served as **House Captain** during XI-XII in school.
  + Served as **School Basketball Team Captain** during Class XI-XII.

**Certifications**

* + **NPTEL (IIT Madras) |** *Operating System Fundamentals*
  + ***IBM Cloud |*** *Introduction to**Cloud Computing*
  + **Oracle Academy |** *Java Fundamentals, Database Foundations & Programming with SQL*
  + **Cisco Networking Academy |** *Cybersecurity essentials, IoT*
  + **Coursera |** *Fullstack cloud development and capstone project*
  + **HackerRank |** *Problem Solving Basics*

**Languages**

* + English, Hindi

**Profiles**

* + [LinkedIn](https://www.linkedin.com/in/snigdha-kashyap-6825211b9/)
  + [GitHub](https://github.com/shivi15sharda)
  + [HackerRank](https://www.hackerrank.com/Snigdha_189)
  + [GeeksForGeeks](https://auth.geeksforgeeks.org/user/2018003781snigdha)