

BIPIN KUMAR

Software developer

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OBJECTIVE

As a recent B.Tech Computer Science graduate , my objective is to secure a software developer role where I can leverage my strong technical foundation in core Java, data structures, HTML, and CSS. I aim to continually enhance my skills, embrace new technologies, and contribute to innovative solutions, ultimately adding value to my team and organization.

EDUCATION

- **Bachelor of Technology (B.Tech)**
 - Graduated in 2023
 - Percentage: 70.1%
- **Higher Secondary (12th Grade) | Secondary School (10th Grade)**
 - Percentage: 78.16%
 - Percentage: 63.8%

Certifications:

- Core Java Certification
- Checkpoint Firewall Certification
- Design and Analysis of Algorithms Certification
- Python from Pantech Solutions

Technical SKILLS:

- Front-End Development: HTML, CSS , javaScript
- Back-End Development: MySQL
- Programming: Core Java, Data Structures,python
- Framework: Spring, Spring-boot
- Security: Checkpoint Firewall
- Object-Oriented Programming (OOP)
- Algorithm Design and Analysis

PROFESSIONAL EXPERIENCE:

Software Developer and Security Specialist

Micro-Zone, [Noida Sector-4] [15-11-2022 to 15-7-2023]

- Collaborated with a dynamic team to develop software solutions and ensure the security of applications.
- Participated in the design and development of software products, contributing to all phases of the software development lifecycle.
- Worked on identifying and mitigating security vulnerabilities in applications and systems.
- Played a key role in ensuring compliance with security standards and best practices.

Acquired hands-on experience in Check Point Firewall and became proficient in various advanced configurations.

Demonstrated expertise in:

- VSX (Virtual System Extension) configuration for enhanced network segmentation and security.
- VPN (Virtual Private Network) configuration to establish secure communication channels.
- Cluster configuration to ensure high availability and load balancing.

- Authentication mechanisms to enhance user access control and security.
- Redundancy strategies for fault tolerance and business continuity.
- Three-tier and two-tier network topology design to meet specific business requirements.
- OSPF (Open Shortest Path First) and EIGRP (Enhanced Interior Gateway Routing Protocol) configuration for dynamic routing.
- Static routing for efficient data forwarding.
- Routing Information Protocol (RIP) for dynamic routing in small to medium-sized networks.

Successfully balanced the demands of software development and security considerations to deliver robust, secure applications.

DEVELOPER INTERN

Internshala | [DATE:9-7-2022 TO 31-8-2022]

Completed a comprehensive internship in Core Java, gaining practical experience in application development.

Worked on various projects to enhance coding skills and develop Java applications.

Collaborated with senior developers to create and maintain software solutions.

PROJECTS

- **Room Search Website**
 - Utilized HTML, CSS, JavaScript, and PHP to create a user-friendly website for room searches.
 - Developed interactive features to enhance user experience.
- **Social Website**
 - Utilized HTML, CSS, JavaScript to create a user-friendly website for social connection.
 - Developed interactive features to enhance user experience.
 - Link: <https://bipinkumar87.github.io/freesosio/> (please open in desktop)
- **Simple Ecommerce Website**
 - Designed a basic e-commerce website using HTML and CSS.
 - Implemented user-friendly navigation and product listings.
 - Link: <https://bipinkumar87.github.io/assifinalbyBipinKumar/> (please open in desktop)
- **Online Examination Portal**
 - Led a team in developing an online examination portal using HTML, CSS, JavaScript, Svelte, MySQL, and PHP.
 - Implemented features for secure online testing and result management.
 - Java-based Calculator
- **Created a calculator application using Java and AWT (Abstract Window Toolkit)..**

Research:

- Published research paper titled "Online Examination Portal" in International Journal of Advance Research in Science, Communication, and Technology (IJARSCT) in June 2023.
- Summary: The online test system, developed using HTML, CSS, JavaScript, Svelte, MySQL, and PHP, fully meets the requirements of the system for which it has been developed.

Languages:

- Fluent in Hindi
- English

SOFT SKILLS

- Team leadership
- Quick learner
- Active listener
- Hard worker