

Avinash Chhetri

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Summary

Motivated Computer Science graduate with a solid foundation in web development, automation, and AI. Proficient in Java, Python, and SQL, with experience in building scalable applications and optimizing cloud-based workflows. Adept at collaborating in agile environments to drive innovation and efficiency.

Skills

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|-------------------------|--|
| ❖ Web Development | HTML5, CSS3, JavaScript (ES6+), RESTful APIs |
| ❖ Version Control | Git (GitHub, GitLab) |
| ❖ Programming Languages | Java (Spring Boot, Swing), Python |
| ❖ Testing | Integration Testing, Selenium |
| ❖ AI/ML | TensorFlow, PyTorch, Scikit-learn, IBM Watson Studio |
| ❖ Databases | SQL (MySQL, PostgreSQL) |

Experience

- ❖ **Assistant System Engineer | TCS | 06/24 – present**
 - Facilitated client consultations and participated in agile scrum meetings to translate business requirements into actionable development tasks.
 - Developed Python automation scripts, reducing deployment time by 30% and enhancing system efficiency.
 - Led testing and maintenance efforts for cloud-based features, improving platform stability and reducing downtime by 25%
- ❖ **Web Development Intern | Suvidha Foundation | 03/2023 - 04/2023**
 - Participated in client and project meetings to analyse user needs and translate them into actionable requirements.
 - Implemented code modifications and updates to improve website functionality and optimize user experience.
 - Assisted in the creation of project documentation, contributing to efficient web management workflows.

Education

- ❖ **B. Tech | VIT, Vellore | 2020 – 2024**
Computer Science and Engineering | CGPA: 7.43
- ❖ **+ 2 | KIST College, kathmandu | 2017 – 2019**
PCM | GPA: 8.75

Certification

- ❖ **IBM AI Analyst | July 2023**
 - Earned IBM AI Analyst certification, mastering AI methodologies, algorithms, and tools.
 - Applied AI techniques to solve business challenges and make data-driven decisions in IBM Watson Studio.

Projects

- ❖ **Farm2Home | HTML, CSS, JS, PHP, MYSQL | [Github](#)**
 - Led the development of an online platform for farmers as part of a Software Engineering.
 - Conceptualized the project to facilitate direct digital interaction between farmers and consumers, eliminating the need for intermediaries.
 - Gained experience in project management, web development, and e-commerce through the execution of this unique idea.
- ❖ **COURSE-MANAGEMENT SYSTEM | JAVA, SWING | [Github](#)**
 - Developed a comprehensive Course Management System using Java and MySQL, enabling course creation, enrolment, and management.
 - Implemented secure user authentication and role-based access control for administrators, instructors, and students.
 - Designed an intuitive Swing-based GUI to facilitate seamless course navigation and user interaction.
 - Integrated database operations for efficient student enrolment, grade tracking, and real-time data retrieval.