

RAJBIN BK

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PROFESSIONAL SUMMARY:

Enthusiastic Computer Science student with a passion for web design and development. Possess strong technical skills and a keen eye for detail. Eager to leverage my knowledge and creativity to contribute to the development of a high-quality web page. Committed to delivering exceptional results and enhancing my professional skills.

AREAS OF EXPERTISE:

Programming Languages:	HTML, CSS, JavaScript, SQL, Java, Python
Technologies:	Bootstrap, React, Node.js, Express, MongoDB, Git, Figma
Operating Systems:	Linux, MacOS, Windows, Unix
Software Development:	Solid understanding of Software Development Lifecycle, computer organization, system design, UX and UI design
Soft Skills:	Team Leadership, Adaptability & Learning, Excellent Communication, Problem-Solving, Time Management, Effective team player
Other:	Competent in Adobe Experience Manager, Adobe Photoshop, Adobe Lightroom, and Adobe Premiere

PROFESSIONAL EXPERIENCE:

Nam's Hakka

Jan 2023 - Present

Floor Manager

- Spearheaded a team of 15, enhancing restaurant operations and customer service, which contributed to improved customer satisfaction and loyalty.
- Initiated and led staff training and team-building activities, significantly improving team efficiency and service quality.
- Played a key role in strategic planning to boost restaurant profitability, also recognized as "Employee of the Month" for outstanding performance.
- Acted as a mediator for employee grievances and coordinated media and entertainment planning to enrich the customer experience.

Chawla's Cuisine

May 2022 - Dec 2022

Server

- Built and maintained websites for clients through various online platforms
- Created and tested applications for websites
- Filed reports, gathered information, and performed research
- Created guides to document the processes and maintain business continuity

Web Development Projects

Personal Portfolio Website

- **Technologies:** HTML, CSS, JavaScript, Bootstrap
- **Description:** Designed and developed a personal portfolio website to showcase projects and skills, emphasizing responsive design and user-friendly navigation.

E-commerce Website

- **Technologies:** HTML, CSS, JavaScript, Bootstrap
- **Description:** Collaborated with a team to create an e-commerce website for a class project. Focused on front-end development and enhancing user experience through intuitive design.

Employment Application Review System (EARS)

- **Technologies:** : Java, Java Collections Framework, Object-Oriented Programming
- **Description:** Designed and implemented a comprehensive intranet-based system for Algoma University's Department of Math and Computer Science. The system streamlined the job application review process with features like secure user authentication, user and faculty search management, application listing and review, collaborative decision-making tools, and account settings customization. Emphasized secure data handling, intuitive UI design, and extensive documentation for ease of use and maintainability.

VM Allocation Using Genetic Algorithm

- **Technologies:** : Java
- **Description:** Implemented a genetic algorithm to optimize the allocation of Virtual Machines (VMs) to Cloud Service Providers (CSPs). Evaluated multiple criteria including cost, reliability, and latency to find an optimal allocation strategy. The project demonstrated significant improvements in cloud resource allocation efficiency by iteratively refining the allocation strategy through population initialization, fitness evaluation, selection, crossover, and mutation.

Web & 3D Development Projects

- **Technologies:** : HTML, CSS, JavaScript, PHP, MYSQL, Three.js, Next.js
- **3D Modeling and Animation with Three.js**
 - **Tree and Forest Simulation:** Created an interactive 3D environment replicating natural landscapes, demonstrating expertise in 3D graphics.
 - **Space Invaders Game Replica:** Developed a 3D version of the classic arcade game, showcasing integration of game mechanics and visual effects.
 - **Maze Puzzle Game:** Designed and implemented a 3D maze game, enhancing navigation and problem-solving skills, demonstrating complex spatial awareness and interactive design capabilities.
 - **Architectural Visualization of a House:** Developed a detailed 3D architectural visualization, allowing users to explore structural designs interactively, useful for real estate design and planning.

EDUCATION

ALGOMA UNIVERSITY

May 2022 - Present

Bachelor of Computer Science - Software Engineering

- Recipient of President's Award
- Recipient of Algoma University Achievement Award

Amarsingh Secondary School

2017-2019

+2 Science Stream

- Recipient of the Merit Scholarships

VOLUNTEER EXPERIENCE:

Orientation Leader

August 2023

Algoma University

- Provided information and resources for campus and academic adaptation.
- Fostered community through group activities.
- Resolved issues and promoted a welcoming campus environment.
- Assisted new students in addressing challenges and concerns.