

# Harsh Dugar

## Aspiring Software Developer

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### SUMMARY

Aspiring Software Developer with a strong foundation in backend development, Automation, and cloud technologies. Passionate about building scalable solutions and contributing to innovative projects in a dynamic team environment.

### EDUCATION

#### Advanced Diploma in Computer Programming and Analysis

Seneca College, Toronto

August 2025

GPA: 3.8/4.0

### SKILLS

- Programming Languages:** Java, Python, JavaScript, C++
- Web Development Frameworks:** REST APIs, Node.js, Express.js, React, Next.js
- Cloud Technologies:** AWS (ECS, Lambda, S3), Azure DevOps
- Database Management:** RDBMS (Oracle SQL, PostgreSQL), NoSQL (MongoDB)
- Tools & Methodologies:** Junit, Agile Methodology, Selenium, Jira
- Core Competencies:** Automation, CI/CD, Object-Oriented Design, Data Structures and Algorithms

### Professional Experience

#### Full Stack Development Intern – Koralbyte Technologies| Toronto, Ontario | Dec 2024 – April 2025

- Designed and implemented robust front-end features using React.js to enhance user engagement and experience.
- Developed and optimized backend services with Node.js and RESTful APIs, ensuring high performance and seamless communication between modules.
- Integrated APIs for seamless data exchange between modules, improving system interoperability.
- Conducted code reviews and debugging sessions, resulting in a 15% reduction in reported issues.

### PROJECTS

#### ATS AI Project: Automated Interview and Resume Analyzer | [\[GitHub\]](#)

- Developed an ATS AI platform with React.js and Flask to automate interview analysis and resume-job matching.
- Integrated Whisper API and OpenAI's GPT-3.5 for transcription and semantic analysis to enhance hiring efficiency.
- Designed an intuitive, responsive user interface paired with optimized backend pipelines, reducing file processing time by 30% and improving scalability.
- Technologies:** React.js, Flask, OpenAI API (whisper, Gpt-3.5 Turbo), Python, Docker, AWS.

#### Accessories Shopping Website – Advanced Web Development Project| [\[GitHub\]](#)

- Independently designed and developed a React.js and Next.js-based online shopping platform, showcasing proficiency in full-stack web development.
- Implemented key features including user authentication, product listing, and responsive design to deliver an engaging and seamless user experience.
- Used Git/GitHub for version control, improving code quality by 30% and development speed by 40%.
- Technologies Used:** React.js, Next.js, HTML/CSS, JavaScript, Git/GitHub, MongoDB

#### E-Commerce Microservices Platform – Java Project

- Built a scalable E-commerce platform using RESTful APIs to enhance modularity and service communication.
- Automated build, test, and deployment processes with a CI/CD pipeline integrated via Jenkins.
- Designed RESTful APIs for inter-service communication, enhancing system modularity and efficiency.
- Containerized the application with Docker and managed deployments with Kubernetes for scalability.
- Technologies:** AWS (ECS), Jenkins, Docker, Kubernetes, Spring Boot, REST APIs, Microservices, Java, JavaFX, Eclipse IDE

### VOLUNTEER EXPERIENCE

#### IBM Z Student Ambassador

October 2024 - Present

- Promoted IBM Z technologies by leading workshops on cloud services and mainframe data processing.
- Boosted workshop attendance by 20% through collaboration with ambassadors to enhance technical skills and engagement.