DHRITI SINGH

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SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems │ Windows 10 • Mac • Mobile

Applications │ MS Office: Word • Excel • PPT • Access • MS Project

Programming │ Java • JavaScript • HTML • CSS •Bootstrap • JavaScript (Node.js)•Java (Spring)•SQL•MongoDB• XML•React Js •Angular • C++ •JUnit

Platforms │ Visual Studio Code• GitHub • IntelliJ IDEA • Eclipse • Jira • Slack • Amazon Web Services (AWS)• Confluence •MySQL •MongoDB •PuTTY •WinSCP •Sourcetree •GitLab •Apache •Postman

Processes │ Quality Assurance •Peer Programming • Scrum • Agile

Languages │ English– Advanced• Hindi– Mother tongue

Licenses & Certificates | Pepcoding Certified specialization in Data Structures and Algorithms in Java and Web Development. (27 th Nov 2019-31st Dec 2020)

EDUCATION

Master of Applied Computer Science Co-op   **2023-2025 (Expected)**

Concordia University, Montreal, QC

- Advanced Programming Practices, encompassing Programming and Problem Solving, emphasize mastery in coding, problem-solving, and industry practices. Real-world application of advanced algorithms is facilitated through hands-on projects, while software management projects enhance skills via collaborative methodologies and algorithm design techniques.

Bachelor of Technology –Information Technology   **2018- 2022**

Guru Gobind Singh Indraprastha University, New Delhi, India

- Operating Systems,Database Management Systems, Data Structures and Algorithms, Advanced Computer Networks, Object Oriented Programming
- GPA 9.36/10

WORK EXPERIENCE

Software Engineer   **July 2022 – July 2023**

Chaayos Sunshine Teahouse ,New Delhi, India

- Mentored and guided junior members to develop the Chaayos Dine-In Ecommerce App, utilizing Java, Spring framework and React Native.
- Worked as the technical lead for the seamless migration and deployment from Spring to Spring Boot with Maven, expediting development processes. Improved Performance and troubleshooted problems by conducting multiple unit tests to improve codebase and application with peers over Git following software development life cycles using Mockito and JUnit.
- Led tech supervision and engineered the continuous integration of the Chaayos admin dashboard in Angular using Bootstrap and Java Spring-Core with Hibernate, showcasing advanced skills in designing and implementing complex systems alongside tech interns by planning sprints including daily scrums on JIRA.
- Pair programmed with peers by engaging in peer-reviews and code reviews for development in agile methodologies for developing the Chaayos in-cafe self-ordering application, leveraging Java8,

Spring framework, and React Native with following responsibilities
- ➢ Managed microservices ,customer-related REST API development in Core Java 1.7+ (JDK7) Spring Boot,developed WhatsApp and notification Integration with JMS and MVC.Synthesized Chaayos App and groomed features to produce high-quality system design using design patterns like decorator pattern and mvc pattern for improving and refining the existing product suite improving client interaction.
- ➢ Guided the creation of a tailored product recommendation based on customer preferences   and inventory using problem-solving abilities and analytical thinking. Also, played a role in integrating a goal achievement tracking system using AWS SQS queues.

Software Engineer Intern   **Jan 2022 – June 2022**
Chaayos Sunshine Teahouse ,New Delhi, India
- ● Developed a POS screen dashboard for Beer Café in Delhi, utilizing SQL Database, Java, and Spring framework for backend, and ReactJS with Bootstrap for frontend styling.
- ● Contributed to the creation of Knock App, facilitating supply chain management and predictive analysis. Utilized React Native for the frontend, and Java, Spring framework,SQL, MongoDB, and Firebase for backend and real-time data analysis.
- ● Implemented Java and Spring framework for the customer ordering flow at Chaayos, named Kettle – POS Dashboard. The frontend was developed using Angular and JavaScript.

Teaching Assistant   **Jan 2021 – Oct 2021**
 Pepcoding India Pvt Ltd,New Delhi, India
- ● Worked as Teaching Assistant for a DSA course using Java.
- ● Responsible for the advancement of more than 100 students at a time.
- ● Responsibility includes taking practice sessions and doubt sessions for students enrolled in different courses.
- ● Conducted instructional sessions to teach and develop Yelp Camp, a camping website utilizing jQuery (frontend) with CSS using Bootstrap and NodeJS (backend) using REST, with MongoDB for database management. The site features e-commerce capabilities for booking tickets and camps, along with a Q&A platform fostering communication between camp owners and clients.

VOLUNTEER WORK / EXTRACURRICULAR ACTIVITIES

Volunteer   **Dec 2019 –Feb 2021**
Kids Being NGO
- ● Volunteered at Kids Being NGO, overseeing calendar maintenance, budget management, and ensuring timely project planning and implementation

Guru Tegh Bahadur Institute Of Technology
- ● Member of Core Team of the Hello World Tech Society in college.(2018-2022)
- ● Lead Singer and Coordinator of G# Music Society of GTBIT and organized western vocal solo during GATES Annual Techno-Cultural fest (2019 – 2022)
- ● IEEE team member for management and planning of tech events.(2019-2022)

INTERESTS

Reading	poetry reading
Passions	Programming, singing, poetry