AYUSHI DOGRA

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SUMMARY

To leverage my comprehensive experience and technical expertise in software development and engineering to contribute effectively to organizational objectives while advancing professionally. With a proven track record in designing and implementing cutting-edge solutions across the EDA domain, semiconductor industry, and web technologies, I aim to drive innovation and deliver impactful results. My diverse skill set, spanning C++, Python, Java, and full-stack development, equips me to tackle complex challenges and make meaningful contributions to the success of the organization.

EDUCATION

Jaypee University of Information Technology, Waknaghat

B.E. CSE (2015-2019) CGPA: 7.8

DAV Public School, Palampur H.P.
Class 12- 87% (CBSE 2015)

Mount Carmel School, Palampur H.P.
Class 10- 88.5% (ICSE 2013)

SKILLS

- C/C++ (primary)
- Unix
- Git, Git-Bitbucket, Github
- Jenkins
- Python, Java (basic)
- MySQL
- HTML, CSS, Bootstrap
- JQuery, AJAX
- Javascript, ReactJS
- Tools: IBM Tealeaf, Dynatrace, Atlassian JIRA
- Data Structures and Algorithms

CERTIFICATIONS AND WORKSHOPS

- Problem Solving (Basic) Certificate by hackerrank
- Agile workshop and Certification from Cognizant
- Attended six weeks industrial training on AWS Cloud ecosystem
- Attended workshop on Network and Security organized by RCPL

PROFESSIONAL EXPERIENCE

Member of Technical Staff (Jan 2023-till Date) at Zettabolt
Currently engaged in the design and development of advanced power analysis tools for the EDA domain, utilizing C++ on Qt Creator and version control with Git. My responsibilities include documentation, spec writing, reviewing other developers' code, and writing test cases using Tcl scripts on a Unix platform. Before code merges, pipelines are executed on Jenkins to ensure build and integration stability

Software Engineer L2 (June 2022- Jan 2023) at Think Future Technologies
Worked in the development of a product which is text editor for different languages using C++.Also, working on java (Web) code migration to Python in Django framework.

Software Engineer (June 2020- June 2022) at Applied Materials:
I used C++ to develop code of softwares used in chip manufacturing machines on Visual Studio and version control done using Git BitBucket.

Programmer Analyst Trainee (Feb 2019 – Feb 2020) at Cognizant Technology Solutions, Bangalore:
I had maintained and monitored the ecommerce website for a US based automobile giant and before that I was trained under the Java Full stack curriculum and had to create an end to end application employing the technologies learnt during training.

ACADEMIC PROJECTS

- Policy Tracker: A web-based application to for managing insurance policies. Technologies: JSP and Java (Spring and Hibernate)
- AWS Desktop Accessor: Created a CLI tool with Bitvise SSH to connect to AWS EC2 instance. Technologies: Bitvise, EC2, and S3
- To Do List: A to-do list application, made using HTML, CSS, Node js, Express and EJS templating,.