

Himani

Contact

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Skills

- Tools: Git, Jenkins, Docker, Jira, Splunk, PowerBi, React, Next.js
- Databases: MySQL, PostgreSQL, MongoDB, SQLite
- Languages: Python, Perl, SPL, Java, C++, JavaScript, PHP, HTML, CSS
- Others: UI/UX, Linux, CI/CD

Education

- **ME in Computer Science**
Thapar Institute of Engineering & Technology
2018 - 2020
- **BE in Computer Science**
Chandigarh University
2015 - 2018
- **Diploma in Computer Science**
Govt. Polytechnic College
2012 - 2015

Awards

- **Division Recognition Award**
Intel Corp.
Received Division Recognition Award for developing a quality centralized tool for the quality checks and the trends of IP drops reflecting validation matrix and roadmap for Ops management and sub-IPs teams
- **Employee Recognitions**
Intel Corp.
Received 15+ employee recognition awards from leadership for work delivery, result orientation, quality and execution

Experience

- **EDA tools Development Engineer**
Intel Corp. 2022 - Present
 - Own debugging, updating and releasing of several different tools in the internal IP deployment system
 - Responsible for automating and integrating tools within the internal IP deployment CAD system
 - Developed automated tools for IP project validation and creating data configuration files
 - Responsible for debugging and updating different tools in an internal UI/UX framework for IP deployment
 - Tools Used: Python, Perl, Jenkins, Git, SQL, ReactJs
- **Design Automation Engineer**
Intel Corp. 2020 - 2022
 - Developed a automated tool for TFM indicator used across engineering teams improving frontend RTL design quality by reducing IP design bugs delivered to SoC by 50%
 - Developed and owned UI/UX framework for quarterly status for the internal IPs before delivering to SoC
 - Scripts to automate FSM simulation analysis
 - Tools Used: Splunk, Python, Perl, Git, SQL, PHP, HTML, CSS
- **Software Engineering Intern**
Intel Corp. 2019- 2020
 - Developed an automated UI/UX framework with different embedded dashboards consisting of validation matrix, roadmap, and quality key problems
 - Collaborated with senior level management and engineering teams to define software and application changes
 - Owned a headcount tool for Intel SISG management to review projects by owners and teams with performance matrix
 - Tools Used: PHP, HTML, CSS, Perl, SQL

Other Projects

- **CDLJobsGuru.com**
 - Responsible for design and development of the job detail page
 - Integrated React form components with backend API to achieve the "apply" to the job functionality
 - Tools Used: ReactJs, CSS
- **Cable Cash Manager (CCM)**
 - Developed custom application framework for client's business to manage and administer the business details such as data computation and storage, employees and financials
 - Tools Used: Java, SQL

Certifications

- IPAS White Belt Certification (Intel)
- Data Science Basics (Intel)
- Enterprise Application Development (IBM)
- Java SE6 Certificate (Oracle)