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Kapil Londhe

SOFTWARE ENGINEER

EDUCATION

Bachelor of Technology   2017 – 2021

Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded

Electronics and Telecommunications

CGPA : 8.58 / 10

SKILLS

Programming Languages

- Javascript
- C++
- HTML
- Python
- CSS

Frameworks / Libraries

- React.js
- Next.js
- Express.js
- Node.js
- Redux
- Jest
- D3.js
- Prisma

Datbases

- Mongodb
- MySQL

Other Skills

- VS Code
- VS Studio
- Github
- Babel
- Webpack
- I18n
- REST API
- Agile

ACHIEVMENTS

- **HCL ERS Champion award**
  - Awarded the HCL ERS Champion Award for excellent performance.

- **Smart India Hackathon 2019**
  - Won 1st place in the competition with a 6-member team.

EXPERIENCE

HCL Technologies   **Sept 2021 – Present**
Software Engineer   Pune, India

- **Siemens Digital Industries Software, Pune** (Contract Employee)
- Contributed to development for the Teamcenter Active Workspace client by developing new features, addressing bugs, and resolving production issues.
- Designed user interface tables tailored for Array parameters utilizing D3.js, enhancing data visualization and user interaction within the application.
- Developed a diagnostic tool for simulation platforms to interface with Teamcenter.
- Enhanced code quality and security by addressing syslog errors and Coverity issues. Developed a Node.js script to analyze syslog errors, reducing error count from 2600 to 0.
- Adopted TDD with Jest (frontend) and GTest (backend) and collaborated with cross-functional teams.

PROJECTS

- **MBSE Parameters Management**
  - Teamcenter MBSE Parameter Management helps manage industrial parameters in the MBSE workflow.
  - Designed a user interface to display industrial parameters.

- **MBSE Integrations**
  - Engineered a diagnostic tool utilized by diverse simulation platforms (e.g., Matlab) to interface with Teamcenter, ensuring robust connectivity and data integrity.

- **American Sign Language Recognition.**
  - Developed a real-time sign language gesture recognition system using a Convolutional Neural Network (CNN).

- **Power consumption monitoring system**
  - Developed a comprehensive real-time power monitoring solution for industry, including a web application to monitor voltage, current, power, and power factor of individual machines.