CHANDRA PRAKASH DIXIT

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PROFILE

Experienced C++ Developer & fluent in English, well versed with concepts of Object Oriented Programming, Data Structures & Algorithms; adept in bringing forth expertise in design, development, testing and maintenance of cross-platform software systems. Equipped with a diverse and promising skill-set. Familiar with the latest cutting-edge development tools, procedures & methodologies; able to effectively self-manage during independent projects, as well as collaborate effectively within a productive team.

TECHNICAL SKILLS

Languages: C++ 11/14/17, Perl, Python, Lua
Developer Tools: Git, VS Code, XCode, Qt Creator, Jenkins, Jira

Frameworks: Google Test, Google protobuf, Qt
Libraries: STL, boost, SOL

EDUCATION

Master of Technology | *Advanced Computing*   Aug. 2016 – Sep 2018
Maulana Azad National Institute of Technology   *Bhopal, MP, IN*

Bachelor of Technology | *Computer Science & Engineering*   Jul. 2011 – June 2015
Dr. A.P.J. Abdul Kalam Technical University (formerly U.P.T.U.)   *Lucknow, UP, IN*

EXPERIENCE

Senior Developer   March 2023 – Present
Broadridge Trading and Connectivity Solutions   *Bengaluru, KA, IN*

- Product: TBricks, an automated trading platform.
- Refactored existing code as member of back-end CORE Team, & improved readability and maintainability, resulting in significant drop in development time.
- Implemented new features and fixed existing issues resulting in improved user experience while learning about trading domain.

Senior Software Engineer   Sep. 2022 – Feb. 2023
WorkFusion   *Hyderabad, TS, IN*

- Product: WorkFusion RPA, Control Tower.
- Responsible for code-base and dynamic library improvement, feature implementation and bug fixes for core RPA product while collaborating with team in Poland.
- Removed over 1200 memory leaks in code which resulted in drop in customer issues by more than 50%.

Consultant C++ Developer   Dec. 2021 – Sep. 2022
MTX Group Inc.   *Hyderabad, TS, IN*

- Product: CI Tools by Central Innovations.
- Responsible for well documented, peer reviewed Add- on development & maintenance for Windows & Mac Platform of ArchiCAD software using SDK.
- Migrated complete set of CI tools to be compatible with ArchiCAD 26 in 30% lesser time than usual.

Senior Engineer   Jan. 2018 – Dec. 2021
John Deere   *Pune, MH, IN*

- Product: Gen4 Display for Precision Agriculture.
- Through consistent performance, I was able to transition to Full time from Intern and then later get promoted to Senior Engineer.
- Responsible for implementation of business requirements coming from Product Owner and stakeholders for Gen4 Displays based on Wind River RTOS in Linux dev environment.
- Contributed in several projects including, MM/WM, Config-Doc, Work Notes, Soil Analysis, Sentiment Analysis on YouTube channel etc. which directly improved User Experience and helped in better planning and decision making.
- Developed various applications for Gen4 Displays of various machines and implements.