**NEERAJ SINGH**

**Phone: +91-7447301426 | Email: rajputneeraj6798@gmail.com**

**OBJECTIVE**

Highly-skilled and motivated software engineer with 2+ year of experience. I am a keen learner in new emerging software technologies. Seeking an exciting and challenging position in a company where my Programming skills and knowledge can be used to the fullest.

**EDUCATION**

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| --- | --- | --- | --- |
| **COURSE** | **DURATION** | **SCHOOL/COLLEGE** | **SGPA / %** |
| Bachelor of Engineering | 2017-2021 | Army Institute of Technology, Pune | 9.02 SGPA |
| CLASS 12th | 2015-2016 | Kendriya Vidyalaya, Pithoragarh | 88.00 % |
| CLASS 10th | 2013-2014 | Kendriya Vidyalaya, Pithoragarh | 9.20 CGPA |

**SKILLS**

**Programming Languages Web Development**

* Python, Java (Core), C++ (Basics) **•** HTML, CSS, Angular (Basic), MySQL

**IT Construct Systems**

* DS and Algorithms, OOP's, DBMS, C++ STL **•** Windows, UNIX/Linux

**CI/CD Tools Protocol**

* BitBucket (Stash), Jenkins **•** FIX Protocol

**Development Tools Methodology**

* VScode, Vi, Putty, IntelliJ Idea, Git, Jira **•** Agile Scrum, Kanban

**WORK EXPERIENCE**

**SDE Accolite Digital** Jun 2021 – Present

* Resolved infrastructure functioning, troubleshooting and performance issues encountered by the trading technology largely through the development and implementation.
* Experience in testing Trading application and extensively used different FIX message types like administration and application messages.
* Excellent knowledge of Derivatives and Equity products along with concepts of Trading.
* Use Fix Protocol to understand various message types. Read and understand the FIX logs and debug if any issues.
* Created and tested AutoSys jobs for cache warming, Worked on Jenkins's configurations (Devops).

**Accolite Digital India Internship** [**Project\_link**](https://github.com/nsr67/courseManage)Apr 2021 – May 2021

* Developed a course management system with CRUD operation to manage course and course materials using Java, Angular, and MySQL.

**Internship (**CopperCloudIoTech pvt. ltd, Pune) [**Certificate**](https://drive.google.com/file/d/1ax4b2b5s9ZUmOtXomP6B7ppRVF58-ljo/view) Jan 2020 - July 2020

* The primary focus was to customize IoT solutions in the industrial sector.
* Built power sources for IoT devices and developed automatic light-controlled system.

**ACADEMIC PROJECT**

**IoT Based Remote Patient Monitoring System** Sep 2021 – Jan 2022

* The project is focused on connecting the patients to doctors without requiring the patients to travel to hospitals with help of the data collected by the sensors. Technology Used: Sensors, AWS EC2, Grafana, NodeRed, Arduino, ESP, MQTT, Proteus, MySQL, C, and C++.

**ACHIEVEMENTS**

* Escalade 2nd position, IIT Guwahati • Junior Mathematical Olympiad (3rd Position)
* CodeRed Winner-PICT • Hack for Good (Inter college 3rd Position)

**EXTRA-CURRICULAR ACTIVITIES**

* Robotics and AI club Joint Secretary Robotics Club, College coding club member.
* Participated in National Volleyball competition.

**CERTIFICATIONS**

* C++, NPTEL (IIT Madras), 2018 • Python, NPTEL (IIT Madras), 2019