

# NIKSHEP A KULLI

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## SUMMARY

Results-oriented Software Engineer II with 4.5 years of experience in the IT industry. Demonstrated expertise in managing releases, improving features, and revamping data collection frameworks. Skilled in Java, R, Python, JavaScript, and C/C++. Proficient in Big Data technologies such as Hadoop, Cassandra, and MongoDB. Experienced in Agile methodologies and tools like JIRA and Jenkins. Strong problem-solving and collaboration abilities, with a track record of optimizing system efficiency and reducing downtime. Recognized for innovative contributions, receiving awards such as the InnobaInMe Award and Associate Behavior Award. Mentored junior team members and facilitated knowledge sharing. Dedicated to staying up-to-date with industry trends and incorporating new technologies into projects.

## EDUCATION

### Sacred Heart University

*Master of Science - Data Science; GPA:3.8/4*

Fairfield, CT

*Aug 2022 - Dec 2023*

**Relevant Coursework:** Machine Learning, Deep Learning, Big Data Analytics, Data Science Architecture, Advanced Database Design, Applied Statistics, Advanced Scripting Python, Special Topics in Data Science

### M S Ramaiah University

*Bachelor of Engineering - Engineering in Electrical & Electronics Engineering*

Bengaluru, India

*Jun 2014 - Jul 2018*

### P. V. P Polytechnic

*Bachelor of Technology - Diploma in Electrical & Electronics Engg*

Bengaluru, India

*April 2011 - May 2014*

## EMPLOYMENT

### Oracle Cerner

*Software Engineer II*

Bengaluru, India

*Dec 2019 - Aug 2022*

- Managing releases and improving features such as CPDI and WTSLocation for the Operations team, reducing workload by 50% for Kansas City counter parts and reducing bugs.
- Revamped data collection framework using Olympus and Jetstream frameworks, resulting in a 20% increase in data accuracy and a 30% reduction in processing time.
- Improved script management process by implementing centralized changes and resolved crash gather requests, resulting in a 25% reduction in crash reports and an increase in customer satisfaction.

### 6D Technologies

*Software Engineer*

Bengaluru, India

*Aug 2019 - Dec 2019*

- Developed SMSC GUI for clients in Vietnam and Indonesia and served as React UI and Backend Developer for Sony Ericsson's Campaign Manager System (MAGIK), resulting in a 40% increase in system efficiency and a 25% reduction in system downtime.

### Probots Techno Solutions

*Embedded Software Engineer*

Bengaluru, India

*Jun 2018 - Jul 2019*

- Developed an Android app for kidney dialysis reprocessing machine, resulting in a 15% increase in machine communication efficiency and a 20% reduction in communication errors.
- Created a C# app with REST API for Collin Aerospace evacuation-slide fabric tester, resulting in a 30% reduction in testing time and a 25% increase in testing accuracy.
- Devised a GPS tracking Android application for Alpine star using Google API and an Arduino Mini.

## ACHIEVEMENTS

**InnobaInMe Award** - May, 2021 - Deepak Gupta, Director - Introduced Ai to Ventilators and showcased how we can optimize the usage of ventilators.

**Associate Behavior Award** - Oct, 2021 - Ajay Arora, Senior Director - Associate Behavior Award for Innovate & Simplify in CWx Received for the VS code plugin made for Call Home developers.

**Ship IT IX** - Jun, 2021 - 24H coding Challenge to design, develop and showcase. Created a react application which will collect associate experience and state the mental health of an employee.

**Ship IT XI** - Jan, 2022 - Won ShipIt second place for INGEST - Interactive GesturesAI based android application for understanding hand gestures in sign language, it helps connecting with challenged people and understand them.

## SKILLS

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<b>Languages:</b>	Java, R, Python, JS, C, C++, C#, VBS
<b>Big Data:</b>	Hadoop, Casandra, MongoDB
<b>Data Sciene:</b>	Keras, Pandas, Numpy, Scikitlearn, Jupyter, Pytest, NLTK, SPacy, HuggingFace
<b>Methodologies:</b>	Agile, Semantic versioning
<b>Tools:</b>	JIRA, Jenkins, PostgreSQL, Airflow, Git
<b>Platforms:</b>	Linux, Windows
<b>Frame Works:</b>	Spring, Hibernate, Django
<b>Visualization:</b>	Tableau, Seaborn, Matplotlib
<b>Soft Skills:</b>	Project management, Collaboration, Problem-solving, Critical thinking, Creative thinking

## PROJECTS

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### Cerner Corporation:

- Managed releases and improved features such as CPDI and WTSLocation for the Operations team, reducing workload by 50
- Revamped data collection framework using Olympus and Jetstream frameworks, resulting in a 20
- Improved script management process by implementing centralized changes and resolving crash gather requests, resulting in a 25
- Developed AI and ML-based life-saving leaf blower technology for Cerner.
- Contributed to the development of Call Home scripts using SQL, PL-SQL, T-SQL, VB Script, PowerShell, and database queries. Results stored in the Cloud Transport Service CCTS and displayed in Vertica & Lon databases.
- Streamlined Workflow Analyzer workflows using the new CorrelationID parameter and optimized timers.
- Received InnobaInMe Award in May 2021 for introducing AI to ventilators and showcasing optimization techniques for their usage.

### 6D Technology:

- Developed SMSC GUI for clients in Vietnam and Indonesia and served as a React UI and Backend Developer for Sony Ericsson's Campaign Manager System (MAGIK), resulting in a 40
- Constructed a React element for a tree structure using JSON and Reactstrap in the Magik UI project.
- Implemented features in the SMSC GUI to view MSISDN reports using Java and JSP servlets.
- Contributed to SPRINGBOOT services development for the React tree view with CRUD operations.
- Received Associate Behavior Award in October 2021 for innovating and simplifying in CWx through the VS code plugin made for Call Home developers.

### Probots Techno Solutions:

- Developed an Android app for a kidney dialysis reprocessing machine, resulting in a 15
- Created a C# app with a REST API for Collin Aerospace evacuation-slide fabric tester, resulting in a 30
- Designed a GPS tracking Android application for Alpine star using Google API and Arduino Mini.
- Mentored three Software Engineer 1 colleagues, providing knowledge training and delegating work responsibilities.
- Promoted one mentee to Software Engineer 2, who worked on planned innovations.