

# Satya Prakash Deep

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## Career Abstract:

- Over 2+ years of experience as a DevOps Engineer.
- An enthusiastic with highly motivated and leadership skills having Bachelor of Engineering Degree in Computer Science
- Well-versed in technology and writing code to create systems that are reliable and user-friendly
- Eager to learn new technologies and methodologies
- Seeking challenging opportunities to fully utilize the skills for the success of the organization as well as professional growth
- Always willing to innovate new things to improve the existing technologies

## Technical Competencies:

<b>Programming Languages</b>	C, C++, Python, Java, GoLang, SQL
<b>Operating Platform</b>	Windows, Linux, Unix
<b>Web Technologies</b>	Java, HTML, CSS, JavaScript, Bootstrap
<b>Databases</b>	MySQL, Oracle
<b>Container Technology and Management</b>	Kubernetes, Docker
<b>Version Control</b>	gitHub
<b>Development Methodologies/ Technologies</b>	Agile

## Organizational Experience:

<b>Company:</b>	Nokia Cloud and Network Services, Bangalore			
<b>Designation:</b>	DevOps Engineer			
<b>From:</b>	August 2019	<b>To:</b>	<b>Till Date</b>	<b>Duration: Ongoing</b>

**Company Projects:**

<b>Project Title:</b>		UDM 5G-core			
<b>Role:</b>		Developer			
<b>From:</b>	Nov 20	<b>To:</b>	ongoing	<b>Duration:</b>	
<b>Description:</b>		The project task changes upon need mainly focus was on the revised, modularized and updated old code bases to modern development standards, reducing operating costs and improving functionality.			
<b>Team Size:</b>		10			
<b>Responsibilities:</b>		<ul style="list-style-type: none"><li>• Requirement gathering.</li><li>• Authored code fixes and enhancements for inclusion in future code releases and patches.</li><li>• Analyzed and resolved all the small bugs.</li><li>• Involved in unit Testing and Functional Testing.</li></ul>			
<b>Tools/Environment:</b>		C++, C, Python, Java, GoLang, Linux, Git, Gerrit, JIRA			

<b>Project Title:</b>		VoLTE IMS Project			
<b>Role:</b>		Developer			
<b>From:</b>	Aug 2019	<b>To:</b>	June 2020	<b>Duration:</b>	11 months
<b>Description:</b>		Worked as a developer for S-CSCF Network Product.			
<b>Team Size:</b>		12			
<b>Responsibilities:</b>		<ul style="list-style-type: none"><li>• Worked closely in the planning, design, and delivery of software products and services in domain</li><li>• Created Valgrind Memcheck tool that detects memory leaks and memory errors</li><li>• Revised, modularized and updated old code bases to modern development standards</li><li>• Authored code fixes and enhancements for future code releases and patches</li></ul>			

<b>Environment:</b>	C++, C, Python, Shell-Scripting, Perl, Linux, Git, Gerrit, JIRA
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### Academic Projects:

<b>Project Title:</b>		Casting Phone Camera in Laptop			
<b>Role:</b>		Developer			
<b>From:</b>	Nov 20	<b>To:</b>	Dec 2020	<b>Duration:</b>	2 months
<b>Description:</b>		Python code to connect a phone's camera with Python for computer vision applications such as real-time image classification, image segmentation, object detection, or face recognition.			
<b>Team Size:</b>		1			
<b>Environment:</b>		OpenCV-Python, numpy.			

<b>Project Title:</b>		Directory Tree Generator			
<b>Role:</b>		Developer			
<b>From:</b>	Dec 2019	<b>To:</b>	Dec 2019	<b>Duration:</b>	1 month
<b>Description:</b>		Python script for visualizing the relationship between files and directories and making their positioning easy to comprehend.			
<b>Team Size:</b>		1			
<b>Environment:</b>		Python			

<b>Project Title:</b>		Simple Textual Minesweeper Game			
<b>Role:</b>		Developer			
<b>From:</b>	March 2019	<b>To:</b>	May 2019	<b>Duration:</b>	3 months
<b>Description:</b>		A C++ Program to Implement and Play popular Minesweeper. The object of Minesweeper is to expose all the open areas on the board			

	without hitting any bombs.
<b>Team Size:</b>	1
<b>Environment:</b>	C++, OOPs.

<b>Project Title:</b>		Student Data Management System			
<b>Role:</b>		Developer			
<b>From:</b>	Oct 2018	<b>To:</b>	Dec 2018	<b>Duration:</b>	3 months
<b>Description:</b>		C++ code is designed to help schools track and manage all their student data – everything from grades, attendance, behavioral information, and more.			
<b>Team Size:</b>		2			
<b>Environment:</b>		C, C++, OOPS.			

#### **Educational Qualifications:**

- Bachelor of Engineering (Computer Science and Engineering) with 78.9%, Chandigarh University, Mohali, 2020
- Intermediate (CBSE) with 87.8%, Jawahar Vidya Mandir, Shyamali, Ranchi, 2016
- Matriculation (CBSE) with 9.8 CGPA, DAV Public School, Dhurwa, Ranchi, 2014

#### **Certificates, Trainings, and Professional Achievements:**

- Certifications:
  - Google Cloud, Coursera
- Trainings:
  - Computer Networking
  - Android Development
- Achievements:
  - Scored 4304 rank in Google Hashcode
  - Qualified for Snackdown Competition, 2019
  - Qualified Google Kick Start Round , 2019
  - Qualified Google code jam, 2018