SAROJ KUMAR SAHOO

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Summary	Ingenious and Client focused Engineer and Web Developer. Proficient in DevOps and Web Development. Based in Noida, UP. I'm willing to work in any location in India.

Education

Bachelor of Technology, CSE   *(2016-2020)*
Biju Patnaik University of Technology (BPUT), Odisha
CGPA: 8.57 (in the scale of 10.00)

Higher Secondary Education, Science   (2013-2015)
Board of Secondary Education (BSE), Odisha, India
Percentage: 79.50%

Enthusiastic About

High Performance Web App Development
Software Engineering and **Cloud Computing**

Technical Skills

Advanced: Python, JavaScript/TypeScript, SCSS, Git
Intermediate: Node.js, Angular, React.js/Next.js
Basics: MongoDB, PHP, AWS
CI/CD: GitHub, Jenkins, Ansible

Professional Experience

Oct 2020 – Contd.: **HCLTech IOMC, Noida, India**
Senior Analyst/ Automation Engineer, NORAM Infra. and Cloud Services
- Actively provided solutions to multiple clients on Active Directory, Windows Administration, AWS Services.
- Built dashboards for data representations and analysis.
- Contributed to development of Internal Web Applications for monitoring and automation.

Mar 2020 – Sep 2020: **Cometa Intellect LLP, India**
Senior Development Intern, Web Application Development Team
- Developed enterprise level web applications for customers while keeping performance, UX and security in mind.
- Contributed to building a CI/CD pipeline to automate the application deployment.

Jun 2019 – Jul 2019: **DRDO, Chandipur**
Summer Intern, Defence Research and Development Organisation
- Developed a Graphical User Interface for cursor/pointer movement in 2D/3D space using Python and under guidance of Scientist-C.

Awards and Accolades

- Solved a rogue file issue overnight which saved customer **$30,000**.
- Finalists and Top 7th at **Smart India Hackathon (SIH), India** 2020. Provided solutions for problem statements on Bribery and Justice Restoration System using modern Web Technologies and ML.
- First position in Webster and Hackathon for consecutive 2 years at Insprano 2k18 and 2k19, GCEK's Annual Tech Fest.

Projects	**[P1]** Cloud and Infra Automation for AWS and vCenters *HCLTech IOMC, India ∗ Mar 2022 – Present ∗ PowerShell, Python, Bash, Citrix, AD, Lambda, CloudFormation, ServiceNow*

- Performed various cloud automations throughout the Financial Year which includes solutions like Bulk Instance Actions, Unused resource cleanup, Windows Administration, Active Directory.
- Reduced workload and manual effort by **85**% through Scripts.
- Revised, modularized and updated old code bases to modern development standards, reducing operational overheads and improving efficiency.

[P2] Dashboard for **iExecute** – Adaptive and Self-Learning Supply Chain Execution
HCLTech IOMC, India ∗ Jan 2021 – Mar 2022 ∗ JavaScript, REST API, CSS, PowerShell, PHP

- Developed and Tested dashboard module for iExecute which shows completions, logs and success rates for tasks performed in a given time.
- Developed an additional utility page for iExecute for task scheduling, which works just like the Windows Task Scheduler, for Web.

[P3] Kite CRM and NAC Dharamgarh Websites
Cometa Intellect LLP ∗ Mar 2020 – Sep 2020 ∗ Gatsby / React, TypeScript, SCSS, Node.js, Django, MongoDB

- Designed and implemented Kite CRM which manages Contacts, Leads, Tasks and opportunities for customers in an intuitive way. It also has features like Email Integration, Dashboard, Reports, Search, Access Management and more.
- Developed high performant Govt. website for NAC, Dharamgarh, Odisha which includes Online Tender Management, Grievance Redressal System and more using modern Web Technologies.

[P4] Smart Irrigation System using Machine Learning
M.H.R.D, India ∗ Aug 2019 – Mar 2020 ∗ Python, ML, Node.js, MongoDB

- Built the research project of MHRD, India which is an automated system that diagnoses data fetched from sensors like Temperature and Humidity of soil, then analyzes the irrigation process.
- Developed Web and Mobile Apps for data transparency and easy control of the process.

[P5] Data Simulator on 2D/3D Space using Python
DRDO, India ∗ Jun 2019 – Jul 2019 ∗ Python, tkinter (Tcl/Tk GUI toolkit)

- Built a Graphical User Interface, a module, where it measures mouse/pointer movement on a 2D or 3D Space.

Certifications	

- **Google Certified ACE** (Associate Cloud Engineer) and rewarded with Swags for performance.
- **2x Microsoft Certified** Professional Certification for Azure Fundamentals and Security, Compliance, and Identity Fundamentals.