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Dhirendra Pratap Singh

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SKILLS

PRIVATE CLOUD
With 32+ Services and Adv. Tooling
Docker • Nginx • CI/CD

LANGUAGES
Over 5000: lines
Java • Python • TypeScript
JavaScript • C • C++ • HTML • CSS

FRAMEWORKS
Over 2000: lines
ReactJS • Spring Boot
Node.js • Shell Scripting

TOOLS/PLATFORMS
GCP • OCI • Microsoft Flow
PostgreSQL • MySQL • Git • Jenkins

EDUCATION

DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY
BTech in Electronics & Communication
Sep 2020 | Lucknow, India
Babu Banarsi Das National Institute of Technology & Management
CGPA: 8.62 / 10.0

CENTRAL ACADEMY SCHOOLS
Grad. May 2015 | Lucknow, India

LINKS

GitHub:// **hanisntsolo**
LinkedIn:// **hanisntsolo**
YouTube:// **tech | info | geek**
Twitter:// **@_dhirendra**
Pinterest:// **hanisntsolo**

COURSEWORK

GRADUATE
Cloud Computing
Machine Learning
Open Source Software Engineering
Embedded Systems Design
Object-Oriented Programming
Evolutionary Computation

UNDERGRADUATE
Operating Systems
Artificial Intelligence + Practicum
Unix Tools and Scripting
Information Retrieval

WORK EXPERIENCE

CITI | Full Stack Developer (Assistant Manager)
July 2022 – Present | Pune, Maharashtra, India

- Spearheaded integration efforts in Trade Commercial E-loans, driving **digital adoption by customers**, contributing to business growth.
- Migrated classic VMs to cloud infrastructure, reducing up-time costs through **automated scaling** and load-based billing.
- Developed a **Troubleshooting Automation Tool** from scratch using React, Node, and Java microservices, streamlining client issue resolution.
- Independently handled end-to-end lifecycle (creation, migration, deployment) of the tool, ensuring seamless implementation using CI/CD tools.
- Registered the tool as an internal product, enabling usage by internal employees and improving internal processes.

CAPGEMINI | Senior Software Engineer
Sep 2020 – Jun 2022 | Pune, Maharashtra, India

- Developed a scalable incident processor(800 lines TACL)for Discover Financial Services, **auto-closing 98% of incidents**, cutting dwell time to net zero.
- Full-stack contributions in ReactJS, Spring Boot, and PostgreSQL.

SUVASAA | Remote Software Engineering Intern
May 2020 – Aug 2020 | Atlanta, GA, USA

- Full-stack development of an e-commerce platform using ReactJS and Firebase.
- Integrated online payments via Stripe API and managed segregated customer/admin routes.

PROJECTS

FAANG-CRACKER | Coding Tool (In Progress) | Check it out!

- Developing a tool to automate FAANG interview prep, integrating Codeforces and LeetCode APIs. Built with Next.js, Node.js, and WebSocket support for code compilation in Java, Python, C++, and JavaScript.

**GITHUB RESUME` PROJECT** | View on GitHub | View my Resume`

- Created a resume template in LaTeX with automated deployment via GitHub Workflows. Allows users to fork and deploy their resume publicly in just a few steps.

CODEFORCES LAMP | View on GitHub

- Built an automated tool that changes colors based on Codeforces submissions using the Tuya API. Developed with Python and Flask, deployed via Docker, and customizable through environment variables for public use.

AUTO-COMMITTER | View on GitHub

- Automated repository management tool that commits frequent file changes from private cloud environments or JupyterLab to ensure real-time backup via Docker and Python.

FUN FACTS

INTERESTS Entrepreneurship • Investing • Mentoring
HOBBIES Lifting • Reading • Cycling • Swimming
VOLUNTEER EXPERIENCE Old Age Home • @Astha Foundation
WINGMAN (Academic Support Volunteer) • @Make A Difference