

# 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