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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
Apache Kafka • ReactJS • Spring Boot
Shedlock • **NextJS** • 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

- Contributing to one of the core-streams within citi the *"Citi Commercial Banking - [CCB]"* space by ensuring technology solves client problems and makes their experience more conducive.
- Improved API Response and Data Delivery by building Cache-layers utilizing **Hazlecast Caching Clusters** and reducing response time to few milliseconds on top of fail over mechanisms.
- Added Cirbuit-Breaking and Retry Mechanisms using **Resillience4j** to minimise application overloads and boost performance.
- Utilized Event Stream Processing Frameworks like **Apache Kafka** in extended capacity, syncing data across different backend systems.
- Used Distributed Scheduled Locking Frameworks like **ShedLock**, to capture distributed scheduled-computing events at scale.
- 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 micro-services, 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.
- Used **Docusaurus** to document project architecture and process to enhance debugging and self-service experience across teams.
- Leveraged **Copilot/ChatGPT** prompts to drive optimizations in code architectures, with enhanced productivity.

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

- Developed a scalable incident processor(**800 lines of TACL** *Tandem Advanced Command Language* used in DebitCard/Credit Card Txns) for DISCOVER NETWORK 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.

PERSONAL PROJECTS

PRIVATE CLOUD 32+ SERVICES | FAANG-CRACKER | GITHUB RESUME` PROJECT | CODEFORCES LAMP | AUTO-COMMITTER

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