

# Dhirendra Pratap Singh

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## SKILLS

### TECHNICAL SKILLS/PROGRAMMING

Over 5000 lines:

JavaScript • TACL • Python • Java  
Shell • ReactJS • Microsoft Flow

Over 1000 lines:

C • C++ • CSS • HTML

Familiar:

PostgreSQL • GCP • OCI • MySQL

## EDUCATION

### DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY

BTECH IN ELECTRONICS & COMM.

Sep 2020 | Lucknow, India

College of Engineering

Babu Banarsi Das National

Institute Of Technology & Management

Cum Laude. CGPA: 8.62 / 10.0

### CENTRAL ACADEMY SCHOOLS

Grad. May 2015 | Lucknow, India

## LINKS

Facebook:// [singhDhirendra](#)

Github:// [hanisntsolo](#)

LinkedIn:// [hanisntsolo](#)

YouTube:// [tech](#) | [info](#) | [geek](#)

Twitter:// [@\\_dhirendra](#)

Pinterest:// [hanisntsolo](#)

## COURSEWORK

### GRADUATE

Embedded Systems Design

Object Oriented Programming

Cloud Computing

Machine Learning

Open Source Software Engineering

Advanced Interactive Graphics

Assembler + Practicum

Evolutionary Computation

Smart India Hackathon

(Research Asst. & Teaching Asst 2x)

### UNDERGRADUATE

Information Retrieval

Operating Systems

Artificial Intelligence + Practicum

Functional Programming

Unix Tools and Scripting

## 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** and contributing to business growth.
- Orchestrated migration of classic VMs to cloud infrastructure, reducing up-time costs through automated scaling and load-based billing.
- Pioneered a customer-focused approach by developing a **Troubleshooting Automation Tool from scratch**. Leveraged React, Node, and Java as Micro-service to streamline customer issue resolution, significantly enhancing their experience.
- Managed the end-to-end life-cycle of the Troubleshooting Automation Tool, including creation, migration, and deployment. Independently utilized Light-speed and other CI/CD [Teamcity and UrbanCodeDeploy] tools to ensure seamless implementation.
- **Recognized for innovation and efficiency**, registered the Troubleshooting Automation Tool as an internal product, available for use by internal employees. This initiative further contributed to improving the overall internal processes.

### CAPGEMINI | SENIOR SOFTWARE ENGINEER

Sep 2020 – Jun 2022 | Pune, Maharashtra, India

- Developed Scalable Incident Processor for Discover Financial Services, auto-closing 98% incidents, cutting dwell time to net zero.
- Enhanced data structures in non-native language TACL, boosting efficiency.
- Automated tasks via Microsoft Flow, streamlining monitoring processes.
- Full-stack developer: Code contributions in ReactJS, Java (Spring-Boot), and PostgreSQL.
- Employed CI/CD tools (Git, SonarQube, Jenkins) with TDD approach within Agile framework. Rigorously tested rest controller using JUnit5 framework.

### SUVASAA | REMOTE SOFTWARE ENGINEERING INTERN

May 2020 – Aug 2020 | Atlanta, GA, USA

- Full stack dev for suvasaa-an e-commerce store: ReactJS, Firestore & Firebase.
- Segregated customer/admin login routes, added admin inventory interface.
- Integrated online payments via Stripe API.

## RESEARCH

### WATER POLLUTION MONITORING | RESEARCHER

Sep 2019 – Feb 2020 | Lucknow, Uttar Pradesh India

Worked with **Prof KK Awasthi** and **Prof Shailendra Tahilyani** to create **Poll-m-Boat**, an embedded tool which collects the extent of pollution in water bodies/ liquid environments.

## FUN FACTS

**INTRESTS** Entrepreneurship • Investing • Mentoring

**HOBBIES** Lifting • Reading • Cycling • Running • Swimming

**VOLUNTEER EXPERIENCE** Old Age Home • **@Astha Foundation**

**WINGMAN** (Academic Support Volunteer) • **@Make A Difference**