[STUDENT FULL NAME]

Final-Year DIPLOMA IN COMPUTER SCIENCE & ENGINEERING (20CS)

Location: [City / District], Karnataka | Mobile: +91 [10-Digit Number] | Email: [yourname@gmail.com] | Reg No: [DTE Reg No] | NATS ID: [Optional]

1. 6TH-SEMESTER DTE C-20 INTERNSHIP & CAREER OBJECTIVE

Final-Year Diploma in Computer Science & Engineering student (DTE Karnataka C-20 Curriculum — 20CS) with strong hands-on proficiency in Python, Object-Oriented Java, SQL/PL-SQL Database Management, Computer Hardware & Linux Administration (CHMA), and Full-Stack Web Development. Seeking a 16-week 6th-Semester Industry Internship (400 Marks) to build and test software applications.

Target Internship Roles: Software Developer Intern • Full-Stack Web Intern • Python & Java Intern • QA Testing & IT Support Intern

2. ACADEMIC QUALIFICATIONS (DTE KARNATAKA C-20 CURRICULUM)

Qualification / Programme	Polytechnic College / High School & City	Board / Curriculum	Aggregate % / CGPA
Diploma (20CS — CSE) – 6th Sem	[Your Polytechnic College Name, City]	DTE Karnataka (C-20)	[e.g., 84.5% (Sem 1–5)]
SSLC (Class 10)	[Your High School Name, City]	KSEAB / CBSE / ICSE	[e.g., 86.4%]

3. C-20 SYLLABUS SUBJECTS, TECHNICAL SOFTWARE & INTEGRATED LAB PROFICIENCY

• **5th-Sem C-20 Specialization Pathway:** Full Stack Development (20CS51I) / AI & ML (20CS52I) / Cyber Security (20CS53I) / Cloud Computing (20CS54I)

• **Software & Technical Tools:** Python 3.x, Core Java (OOP, JDBC), SQL (MySQL), PL/SQL, MongoDB (NoSQL), HTML5, CSS3, JavaScript, React/Bootstrap, Flask/Django/Spring Boot basics, Git & GitHub, VS Code, Postman.

• **Integrated C-20 Practical Lab Skills:** Computer Hardware, Maintenance & Linux CLI Administration (CHMA - 20CS32P), Relational Database Schema & PL/SQL Triggers (20CS34P), Data Structures with Python (20CS41P), OOP with Java (20CS42P), LAN/WAN Router Configuration, Manual & Automated Testing.

• **Official DTE C-20 Subjects Mastered (Sem 1–4):** Python Programming (20CS31P), CHMA (20CS32P), Computer Networks (20CS33P), DBMS & PL/SQL (20CS34P), Multimedia & Animation (20CS35P), Data Structures with Python (20CS41P), OOP with Java (20CS42P), Operating Systems (20CS43P), Software Engineering (20CS44P) + C-20 Common: Engg Maths, Statistics & Analytics, IT Skills, FEEE, PMS.

4. C-20 5TH-SEM PATHWAY CAPSTONE & 4TH-SEM LAB MINI-PROJECTS

• **5th-Sem C-20 Pathway Project: Smart Polytechnic Attendance, CIE Marks & Fee Portal (Python + MySQL + HTML/CSS):** Developed a role-based CRUD web portal with automated attendance shortage alerts and PDF marksheet generation, reducing manual clerical effort by 65%.

• **4th-Sem C-20 Lab Project: Inventory & GST Billing System using Java OOP (20CS42P) & PL/SQL Triggers:** Built a Java JDBC application connected to MySQL with automated low-stock alerts and hosted it on a local Ubuntu Linux LAN server (CHMA Lab).

5. CERTIFICATIONS, INDUSTRIAL EXPOSURE & 6TH-SEM INTERNSHIP AVAILABILITY

• **Certifications & Technical Exposure:** Infosys Springboard Python, Java & DBMS Certification • NATS 2.0 Registered • Preparing for KEA DCET (B.E. Lateral Entry)

• **DTE C-20 6th-Sem Internship Availability:** Available Full-Time for 16 Weeks (400 Marks / 16 Credits) as per DTE Karnataka C-20 Academic Calendar.

• **College Principal NOC Status:** Official Polytechnic Bonafide & Principal No Objection Certificate (NOC) ready for immediate submission.

• **Languages Known:** English (Professional), Kannada (Native), Hindi [edit as applicable].