CHINMAYI N

Bangalore, India

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EXPERIENCE

Bharat Electronics Limited (BEL) — Aug 2025 – Present
Software Trainee — *Bangalore, India*
- Built React.js, Core Java, and PostgreSQL modules.
- Implemented session management, captcha-secured login, and load testing for 30k+ users.

National Skill Development Corporation (NSDC) — Jan 2025 – Apr 2025
AI Business Intelligence Analyst — *Bangalore, India*
- Applied AI/ML for data analysis with Python, Excel, and Power BI.
- Designed dashboards and insights for decision making.

TechByHeart — Aug 2024 – Sep 2024
Cyber Security Intern — *Bangalore, India*
- Worked with Kali Linux, practiced vulnerability assessment and penetration testing.
- Studied OSI/TCP-IP models and web application vulnerabilities.

PROJECTS

- **DevOps Integrated Weather Dashboard:** Built real-time weather app using HTML/CSS/JS and OpenWeatherMap API, CI/CD with Jenkins, GitHub Pages, monitoring with Grafana Cloud and Uptime Robot.
- **Air Quality Index Prediction:** Developed ML models (SVR, Decision Tree, Lasso) and deployed via Flask for real-time AQI predictions and visualization.
- **AI-Powered Sketch-to-Image Converter:** Created pipeline with CNN, GPT-2, ControlNet, and Stable Diffusion for sketch classification, prompt generation, and image synthesis.
- **IoT Smart Greenhouse:** Designed Arduino-based greenhouse with sensor monitoring, automated device control, and real-time cloud alerts.

TECHNICAL SKILLS

- Languages: Python, Java, C, HTML, CSS, JavaScript
- Frameworks: React, Node.js, Flask, OpenCV
- Databases: MySQL, PostgreSQL
- DevOps/Tools: Git, GitHub, Jenkins, Linux, VS Code, Arduino IDE

ACHIEVEMENTS & CERTIFICATIONS

- IBM: Finalist - Skills & 1M1B EcoEquify Hackathon
- NPTEL: Problem Solving in C, Programming in Java, Joy of Computing with Python
- Coursera: Google AI Essentials
- Red Hat: Red Hat System Administration
- Other: Getting Started with Threat Intelligence and Hunting

EDUCATION

B.N.M Institute of Technology, Bangalore — Dec 2022 – Present
Bachelor of Engineering in Computer Science & Engineering - CGPA: 9.5

Vidyanidhi Independent PU College, Doddaballapur — Aug 2020 – Apr 2022
Pre-University in PCMB - Percentage: 97.8%

Lavanya English High School, Doddaballapur — Jul 2020
Class 10 - Percentage: 95.36%

ADDITIONAL EXPERIENCES

- Intern - Rotary Bengaluru Reach Out: Supported community service project operations.
- Student Volunteer - Youth for Parivarthan: Contributed to Black Spot Fixing and Recyclothon initiatives.