

OMPRAKASH BEHERA

Full Stack Developer & AI/ML Enthusiast | B.Tech Computer Science & Engineering
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PROFESSIONAL SUMMARY

Results-driven Full Stack Developer and AI/ML Enthusiast with a solid foundation in computer science. Experienced in building end-to-end web applications, machine learning systems, and IoT solutions. Demonstrated ability to lead teams, mentor peers, and deliver functional software products. Proficient in Git-based workflows, cloud deployment, and agile collaboration.

EDUCATION

Lateral Entry to B.Tech, Computer Science & Engineering [BPUT, Odisha]

Government College of Engineering, Kalahandi, India

Expected: 2028

CGPA: 8.23

Projects:

- AttendTrue – Developed attendance system using proximity sensors and face authentication (SIH Project, Group)
- Mini-SaaS – Built enterprise management solution for students. Link: gcekvendor.vercel.app
- AR Gesture Drawing – Engineered hand gesture-based AR drawing tool using MediaPipe and Canvas API. Link: arhandgesture.vercel.app

Diploma in Computer Science & Engineering

Bhadrak Engineering School & Technology, Odisha

June 2025

Projects:

- Lab Management System – Designed and deployed web-based lab management platform. Tech: PHP, MySQL (Solo)
- Medicine Recommendation System (ML) – Implemented supervised learning model on symptom data; delivers medicine, precautions, diet and workout plans. GitHub: [CodeByPrakash/MRS-AI](https://github.com/CodeByPrakash/MRS-AI)
- Movie Recommender System (ML) – Built vectorization-based recommendation engine using cast, genre and director features. GitHub: [CodeByPrakash/Movie-Recommender-System](https://github.com/CodeByPrakash/Movie-Recommender-System)
- Resume Builder (React) – Developed full-stack resume creator with authentication and checkpoint saving. GitHub: [CodeByPrakash/ResumeBuilder-React](https://github.com/CodeByPrakash/ResumeBuilder-React)
- Smart Home Automation – Architected IoT system enabling remote device control via sensors and microcontrollers.
- Privacy Dashboard – Created student security platform with real-time browser activity tracking and safety scoring. Stack: Next.js, MySQL.
- E-commerce Website – Designed and launched full-featured e-commerce platform. Link: open-ecommerce.vercel.app

Post Graduate Diploma in Computer Applications (PGDCA) — Completed

TECHNICAL SKILLS

- Programming Languages:** Python, Java, C, JavaScript
- Web Development:** HTML, CSS, JavaScript, PHP
- Frameworks & Libraries:** React, Flask, Tailwind CSS
- Tools & Technologies:** Git, GitHub, VS Code
- Databases:** MySQL, MongoDB
- Cloud & Deployment:** AWS, Vercel, Netlify, PaaS, SaaS
- Machine Learning:** scikit-learn, pandas, numpy, supervised learning, CNNs, LLMs
- Academic Coursework:** Data Structures, OOP, Algorithms, Basic Machine Learning

SOFT SKILLS

Academic Mentoring | Team Leadership | Self-Awareness | Research-oriented Mindset | Collaborative Problem Solving

EXPERIENCE

Student Mentor

- Mentored 15+ polytechnic and school students on academic projects, improving project completion rates.
- Guided peers through coding assignments, debugging sessions, and software development best practices.

Team Leader / Manager

- Led cross-functional teams of 4-6 members in hackathons, delivering functional prototypes within 24-48 hours.
- Coordinated task delegation, sprint planning, and code reviews to ensure timely project delivery.

CERTIFICATIONS

- IDE Bootcamp Edition-2, Phase-I — IIM Sambalpur (Innovation, Design & Entrepreneurship)
- Cloud Computing Concepts Part 1 & Part 2 — University of Illinois (Coursera)
- Post Graduate Diploma in Computer Applications (PGDCA) — Completed

ACHIEVEMENTS

- 1st Prize — District Level Yuva Utsav: India @ 2047 (Software App category, 100+ participants)

CORE INTERESTS & CURRENTLY LEARNING

Core Interests:

AI/ML | Full Stack Development | Cyber Security | Automation Systems

Currently Learning:

- Deep Learning (CNNs)
- Large Language Models (LLMs)
- Machine Learning libraries: scikit-learn, pandas, numpy