BARATHKUMAR B

Full Stack Developer | ML Engineer

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INTRO

As an engineer graduating in 2025, I seek a challenging role to leverage my technical skills. With three years of professional experience and successful project delivery, I aim to contribute significantly to the growth and success of the organization in a competitive environment.

EDUCATION

HSC
SRI GOMATHI AMBAL MATRIC HR SEC SCHOOL.

PER **9.5** / 10

SSLC
SRI GOMATHI AMBAL MATRIC HR SEC SCHOOL.

PER **9.6** / 10

B.Tech Artificial Intelligence Data Science
kumaraguru College of Technology.

📅 2021 - Present

GPA **8.7** / 10

WORKING EXPERIENCE

As A Developer

AI Based Solar Panel - Technical Lead

📅 07/2023 - Present

- Developed a solar plant monitoring UI with integrated alerting, energy visualization, and forecasting for efficient management.
- Led a cross-functional team to ensure timely delivery of a critical plant monitoring UI, demonstrating technical expertise in sensor integration.
- Innovated an alert system for rapid anomaly response, enhancing operational efficiency and user experience.

E-Commerce Service Platform

📅 10/2022 - 05/2023

- Engineered a seamless and user-friendly e-commerce service booking website, prioritizing intuitive navigation and an optimal user experience.
- Implemented secure online transactions through the integration of the Razorpay payment gateway, ensuring a reliable and efficient payment process for users.
- Established a robust system for service booking, payments, and customer reviews, fostering trust and satisfaction through reliable and transparent interactions.

PROJECTS

Projects with python

- Implemented diverse projects, such as A* search, N-Queens, and Game of Life, to refine problem-solving skills. Demonstrated proficiency in tackling challenges, with a notable contribution to Advent of Code 2022, showcasing a versatile and adaptive approach to problem-solving in Python.

Projects with JS

- Water Service App : Streamlined water delivery with user-friendly interface, real-time tracking, and order management.
- Body Health Prediction : Leveraged predictive modeling for personalized health insights, offering proactive wellness suggestions.
- Google Extension : Built browser extension, providing enhanced features for an efficient and seamless user experience in browsing.

ACHIEVEMENTS

Top 10 in National level Hackathon
Secured a Top 10 position in the Kodikon 3.0 national-level hackathon (24 Hours Hackathon) organized by Embrionce at PES University, Bangalore. Our Team focused on the Healthcare domain, utilizing technologies such as Machine Learning, Deep Learning, Reinforcement Learning, and Django

Ineuron Intern
Completed an internship project at iNeuron, contributing to the Alzheimer Detection and Annotation project using YOLOv8.

Third place at KSI Hackathon
Achieved 3rd Prize in the Web Shark Hackathon (12 hours hackathon) conducted by the KSI Web Development Cohort. This hackathon centered around the Agriculture domain, employing technologies like Machine Learning and Django

450+ Points in Codewars
Achieved a score of 391 points on Codewars, predominantly solving problems using Python. Attained a 5kyu level in Codewars.

STRENGTHS

Personal Skillls

Leadership
Team Work
Management and Organizing
Problem Solving

SKILLS

Languages

| C | C++ | Python | JS | Dart |

Frameworks / Libraries

| React | Vue | Next Js | Node Js |
| Express Js | Django | Tailwind |