NANDAKUMAR CHINNASAMY

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BTM Layout 1st Stage, Bangalore – 560 076

Summary

Aspiring Software Developer with 3 months of experience creating web applications. Hands-on experience in Python and React. Experience in MySQL and MongoDB, RESTful APIs, and deploying applications on cloud platforms.

Education

Master of Computer Applications (MCA)

Bharathidasan University, Tiruchirapalli.   [Sep 2022 – May 2024] | 86%

Bachelor of Science in Computer Science

BRPT Dr. MGR Govt. Arts & Science College, Palacode.   [Jul 2019 – May 2022] | 83%

Professional Experience

Trainee Software Developer

Grid R&D   [Oct 2024 - Present]

- Contributed to the Job Portal application using Python and Django with the following tasks:
  - Added email notifications for new user registrations, job applications, profile-matched job alerts, and employer-jobseeker inbox messages.
  - Fixed bugs in the Skills and Hiring Industry fields.
  - Enabled employers to view applicant details on their dashboards.
  - Improved the job-matching algorithm by implementing the Doc2Vec model to analyze and match keywords from resumes and job descriptions.
  - Enhanced the admin dashboard to display employer and candidate details.
- Contributed to the Smart QR-Code Attendance System by implementing location-based validation.
- Collaborated with the team to debug and enhance backend API.

Technical Skills

Backend	:	Python (Django & Flask), Java, Node.js
Frontend	:	HTML, CSS, React, JavaScript
Database	:	MySQL, MongoDB
DevOps	:	CI/CD, Git, GitHub, Docker

Academic Projects

1. Detection of Adversarial Attacks using Deep Learning

Technologies: Python, AI & ML models

- Developed a system to detect adversarial attacks on machine learning models using deep learning.
- Adversarial attacks involve subtle modifications to input data (e.g., images, text) designed to mislead machine learning models into making incorrect predictions.

Activities and Seminars

- Attended TANSCHE-sponsored National Seminar on *Artificial Intelligence and ChatGPT*, organized by Bharathidasan University, 2023.