VIKAS T

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SUMMARY

Entry-level Software Engineer / Product Engineer with hands-on experience in Python development, SQL databases, REST API integration, payment systems, dashboards, and web application deployment. Proven ability to design, build, and maintain production-ready applications used in real-world scenarios. Strong foundation in backend development, data handling, and system integration, with experience working on analytics dashboards and AI-assisted applications. Seeking a Software / Product Engineering role in a growth-oriented organization.

WORK EXPERIENCE

AIML VIRUTAL INTERSHIP

- April June 2025 10 weeks) Successfully completed a 10-week virtual internship focused on Artificial Intelligence and Machine Learning, gaining hands-on experience in model development, data preprocessing, and algorithm optimization

EDUCATION

Bachelor of Technology in Artificial Intelligence and Data Science   **Sep 2023 - Jun 2027**

- K.S.Rangasamy College of Technology CGPA:8.2

PROJECTS

- **Time2Order – Preorder Management System:** Built a web-based + soundbox system to help local shops manage preorders, reduce waiting time, and control crowd flow during peak hours using Python, SQL, and the Cashfree payment API. time2orders.com,time2orders.shop
- **Time2Due – Operations Management Platform:** Designed a web platform for cable operators to manage employees, track offline payments, and view reports through secure, mobile-friendly dashboards.time2due.com
- **Time2Farm** – Farm Finance & Management Platform: Designed a farmer-focused application to manage section-wise income and expenses, track profits, and gain AI-driven insights using Gemini API through a simple, mobile-friendly interface.Time2Farm
- **IPL Analysis – Power BI Dashboard:** Created an interactive Power BI dashboard to analyze IPL match data from 2008 to 2024, showing team performance, player statistics, and match trends using DAX.
- **DAKSHAA T26:** Developed a full-stack web application for Dakshaa T26, a national-level technical symposium, to manage the event digitally. Built the frontend using React and created backend services with Express.js and REST APIs. Implemented Supabase for secure database management and user authentication. Integrated with our Collage payment gateway to enable smooth online registration and transactions. Deployed the application on a Cloudflare (Frontend) and VPS server (Backend). dakshaa.ksrct.ac.in
- **TrueSight AI :** Built an AI-powered Deepfake Detection System integrating Roboflow-trained models with a Flask backend for multimodal (video + audio) analysis. Developed evidence structured forensic report generation. Designed an investigation-centric workflow aligned with cybercrime operational needs. Project presented to Namakkal Cyber Cell for potential pilot implementation. https://tinyurl.com/cybernamakkal

ADDITIONAL INFORMATION

- **Technical Skills:** Python, Java, SQL, Power BI, Web Hosting, Networking
- **Languages:** English, Tamil
- **Strengths :** Team work, Critical Thinking, Problem-Solving, Adaptability

ACHIEVEMENT

- Secured 2nd Place in the Namakkal Police Cybersecurity Hackathon 2025 for developing an AI-based cybercrime detection solution.