PRINCE KUMAR B

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OBJECTIVE

Aspiring Software Developer with strong foundations in Full Stack Development and Cloud Computing. Skilled in Java, Python, and modern frameworks, with hands-on experience in building scalable, user-focused applications. Passionate about clean code, problem-solving, and delivering impactful digital solutions.ovation, and contributing to meaningful digital solutions.

SKILLS

- **Languages:** Java, Python, C, SQL
- **Front-End:** HTML5, CSS3, XML, Android UI
- **Back-End:** FastAPI, Firebase, REST APIs, Streamlit
- **Databases:** MySQL, Firebase Realtime DB
- **Cloud/DevOps:** GCP, Docker, Postman
- **Tools/Platforms:** Android Studio, VS Code, GitHub
- **AI/ML:** scikit-learn, XGBoost, Pandas, NumPy, RandomForest

EDUCATION

- **B.E. in Information Science and Engineering** – CGPA: 7.84/10
  BMS Institute of Technology & Management, Bengaluru   2022–2026
- **Class 12 (PCMC)** – 76.20%
  Narayana E Techno School, Bengaluru   2020–2022
- **Class 10** – 82.40%
  Yashasvi Vidyanikethan, Kattigenahalli, Bengaluru   2020

PROJECTS

- **Calories Burnt Prediction** (*Python, ML, Streamlit, GCP*)
  Developed a web platform to track and predict calories burnt. Focused on building clean, scalable code with backend integration on GCP BigQuery and deployed using Streamlit. Implemented interactive UI for user inputs and real-time results display.

- **NetSecIQ – Real-Time Network Threat Detection** (*Python, FastAPI, Docker, GCP*)
  Built a system to monitor network traffic and detect anomalies in real-time. Developed REST APIs using FastAPI, containerized with Docker, and integrated with GCP Pub/Sub for real-time alerts. Used Scapy/Wireshark for data parsing and ensured efficient backend performance and scalability.

- **farmtrade – Android App for Farmers** (*Java, Android Studio, Firebase, Razorpay*)
  Developed an Android app to provide crop info, pest alerts, and price tracking for farmers. Integrated Firebase for database and chat functionality, Razorpay for payment processing. Followed MVVM architecture for maintainable and scalable app structure.

CERTIFICATES

- GCP Skill Badge – Load Balancing on Compute Engine (June 2025)
- Full Stack Development – Infosys Springboard (June 2025)
- AI & ML Training – Infosys Springboard (Dec 2024)
- AI with Python – Infosys Springboard (Dec 2024)

Relevant Coursework: Machine Learning, DSA, DBMS, OS, Computer Networks

Languages Known: English, Hindi, Kannada

Hobbies: Photography, Bike Riding, Traveling