PRANAV PRABHU

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SUMMARY

IT student with hands-on exposure to enterprise networking and backend development. Supported deployment of hospital network infrastructure involving switch configuration, VLAN mapping, static addressing, and connectivity validation. Built secure, modular dashboards and multi-entity database systems with authentication workflows and structured storage.

EDUCATION

Bachelor of Technology, Manipal Institute of Technology, Manipal │ 2023 - 2027

WORK EXPERIENCE

IT & Networking Intern │ Metco, Kuwait │ June 2025 - July 2025

- Assisted deployment of enterprise hospital network infrastructure, across multiple service zones
- Configured switch ports, assigned VLANs, and segmented device-level access for CCTV, admin systems, Wi-Fi terminals
- Allocated static addresses improving device traceability and reducing resolution effort in troubleshooting
- Performed connectivity validation using traceroute, ping, and cross-department routing tests
- Supported segmentation planning aligning firewall rules with departmental access boundaries

PROJECTS

SecureBank: Personal Finance Dashboard │ Flask, Streamlit, MySQL, JWT, Python │ Oct 2025

- Built secure multi-user dashboard with JWT-based authentication, encrypted account storage, and protected transfer workflows
- Implemented transaction verification logic ensuring consistency, authorization checks, and rollback safety
- Designed service-layer API modules for fund movement, account retrieval, and audit-ready logs
- Integrated real-time market feeds to generate financial insights and trend visualization

WicketDesk: Cricket Tournament DBMS │ Flask, MySQL, HTML/CSS/JS │ Apr 2025

- Developed admin dashboard for teams, players, matches, and umpires
- Built relational schema linking matches and umpire attribution
- Implemented real-time update flows and validation logic

IntelliPhrase: AI-Powered NLP Rephraser │ Gemini GenAI │ Feb 2025

- Optimized NLP model outputs to produce clearer and more context-aware responses.
- Integrated Gemini's API for advanced natural language processing (NLP) and dynamic text optimization

SKILLS

- **Languages:** C, Java, SQL, Python
- **Tools:** Flask, Streamlit, Oracle PL/SQL, Cisco Packet Tracer
- **Domains:** Enterprise networking, authentication workflows, DB design

LEADERSHIP & CAMPUS INVOLVEMENT

- **Director of Professional Skill Development** at The Consulting Club at Manipal (TCCAM)
- **Organizing Committee** in TechTatva'24 (MIT annual tech fest)

ACHIEVEMENTS

- **Top-4** – Case Maze (E-Cell - MIT) │ Designed GTM strategy for FinTech scaling
- **Top-4** – Ops-Essentia (IIM Raipur) │ Developed cost-efficient production model
- **National Finalist** – Case Cataclysm (IIM Raipur) │ Proposed AI-driven consulting operating model