Benedict Paul

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LinkedIn | GitHub | LeetCode | HackerRank

EDUCATION

Vellore Institute of Technology   **Jun 2021 – Jun 2025**
B. Tech, Computer Science - Specialization in AI & ML   *Amaravati, Andhra Pradesh*

- CGPA: 8.8
- Leadership: Google Developers Student Club (Lead AI & ML Team), Event Management Lead

WORK EXPERIENCE

Andhra Pradesh State Skill Development Corporation (APSSDC)   **Feb 2024 – May 2024**
Data Analyst Apprenticeship   *Andhra Pradesh, India*

- Worked with Data Analysis, SQL, AI, and ML on practical, real-world case studies.
- Project: Developed an analysis and graphical structure for a Disease Burden Report, where the dataset initially used average parameters. Converted the dataset into a new format utilizing the DALYs (Disability-Adjusted Life Years) attribute to evaluating disease burden effectively.

SKILLS & LANGUAGES

- **Programming Languages:**   Java, Python, Macros, JavaScript, HTML
- **Libraries/Frameworks:**   ReactJS, NodeJS, CSS, Bootstrap
- **Tools/Platforms:**   Android Studio, Unity, AWS, Git and GitHub, MS Office Suite, Linux
- **Languages:**   English, Malayalam (native), Hindi (Basic)
- **Other:**   Data Structures & Algorithms, Database Management, Operating Systems Discrete Mathematical Structures, Computer Networks, Design Thinking

ACADEMIC PROJECTS

Recipe Generator System | *Full Stack, Machine Learning, Deep Learning*   **May 2023 – Aug 2023**

- Implemented a recipe generation feature, enabling users to easily create new recipes based on their preferences.
- Included advanced generative features, such as generation by ingredients, generation based on food images, and generation by cuisine, providing personalized recipe suggestions tailored to user inputs.
- The social sharing and commenting functionalities led to a vibrant community of food enthusiasts, enabling them to discover, share, and engage with one another. This results in increased user-generated content.

Food Ordering App | *Java, XML, Flask, Mobile App Development*   **Aug 2023 – Dec 2023**

- Developed a Single Vendor Food Application with a separate user, vendor, and an admin panel.
- Key features include user order management, vendor menu updates, and admin oversight.
- Designed the app Figma templates, with distinct green and red themes for veg and non-veg preferences.

Bluetooth Serial Terminal | *Mobile App Development, Java, Arduino*   **Apr 2024 – May 2024**

- Developed a mobile application to enable seamless communication between a mobile device and Arduino.
- Designed and implemented motor control based on real-time moisture readings, optimizing irrigation processes.
- Integrated interactive features, including programmable buttons and a prompt window, enabling real-time data visualization and command execution, enhancing usability and system control.

CERTIFICATIONS

- AWS Certified Solutions Architect Associate - Amazon
- Oracle Certified Java Foundations Associate – Oracle
- Cisco Networking Academy Cybersecurity Essentials Certificate - Cisco