VINAYAK MAHESWARI

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Education

Pursuing B.Tech from Kalinga Institute of Industrial Technology (KIIT)
CGPA-9.1

Electronics and Computer Science
Year of Graduation- 2027

About

I am a passionate and curious developer who thrives on creating, building, and exploring new technologies. With a strong problem-solving mindset and a hands-on approach, I enjoy turning innovative ideas into functional solutions. Whether working on software projects or experimenting with new tools, I am always eager to learn, improve, and take on new challenges in tech and beyond.

Relevant Coursework

| Data Structures and Algorithms | UI/UX | Computer Architecture |
| DBMS | Data Analytics | Operating Systems |

Experience

➢ **Executive, Entrepreneurship Cell, KIIT (Nov 2024 – Present)**
➢ **Business Development Coordinator, Hult Prize, KIIT (Jan 2025)**
➢ **Person of Contact, Kraya & Kuber, KIIT (Oct 2024 – Present)**

Projects

1. **VaultX - A secure, role-savvy digital bank with Spring-powered armor. (Java, Spring Boot, SQL, JPA,JWT)**
   - Developed a secure banking app with customer, admin, and auditor roles.
   - Integrated Spring Security and JWT for authentication and role-based access.
   - Implemented account operations and transaction logs with Spring Boot and SQL

2. **SympTrack AI - An ML-powered symptom whisperer for early disease prediction. (Python, Streamlit, ML)**
   - Built a web app using ML to predict diseases from symptoms via classification models.
   - Used Streamlit for real-time user interaction and fast diagnosis.
   - Improved accuracy with preprocessing, feature selection, and model tuning.

3. **Chainlytics - Turning messy supply data into clean decisions. (Excel, Tableau, Data Analysis)**
   - Designed a dashboard to visualize KPIs like inventory, procurement, and order status.
   - Cleaned and analysed supply chain data to track performance and improve decision-making.
   - Created a wireframe and built interactive visuals for stakeholder reporting.

4. **MallMaster 360 - Your all-in-one mall universe — powered by Java (Java, Swing, SQL)**
   - Developed a cross-platform app to manage shops, staff, inventory, and billing.
   - Built the admin panel in Java Swing and customer interface in Flutter.
   - Used SQL for efficient data handling and transaction management.

Certifications

➢ Data Analytics Job Simulation | Deloitte Australia Forage (May 2025)
➢ Full Stack Web Development by Angela Yu | Udemy (June 2025)

Technical Skills

➢ **Programming Languages** : C, C++, Java, Python, HTML, CSS, JS, SQL, SWING, Spring Boot
➢ **Developer Tools** : VS Code, Eclipse, Anaconda, Android Studio, MATLAB, VIVADO
➢ **Technologies** : Linux, Canva, GitHub, Figma, WordPress, Adobe, Tableau, Power BI