

DILEEP PRASANTH N Y



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OBJECTIVE

Passionate B.Tech Information Technology student with proficiency in Java programming and a strong foundation in modern software development. Experienced in building practical solutions using Java, web technologies, UI/UX design, and Digital Marketing Strategies. Certified in Generative AI, with the ability to combine technology and marketing insights to create impactful digital solutions. Eager to contribute to real-world projects and grow within a dynamic development environment.

TECHNICAL SKILLS

Programming Languages: Java, Python, C, JavaScript, HTML, CSS

Frameworks & SDKs: React.js, Flutter, Flutter SDK

Developer Tools: VS Code, IntelliJ IDEA, Figma, RPA UiPath

UI/UX Design: Wireframing, Prototyping, Responsive Design

Version Control: Git, GitHub

CERTIFICATIONS

- **Oracle: Cloud Infrastructure 2025 Certified Generative AI Professional** – Demonstrates knowledge of Generative AI concepts, OCI AI services, and building AI-driven applications on Oracle Cloud.
- **IBM: Cloud Essentials** – Covers fundamental cloud computing concepts including cloud architecture, service models, and deployment strategies.
- **CISCO: Operating Systems Basics** – Provides foundational understanding of operating system functions, processes, memory management, and system operations.
- **TATA Group (Forage): Cybersecurity Analyst Job Simulation** – Hands-on experience with Identity and Access Management (IAM), security assessment, and implementing IAM solutions.
- **UiPath: Automation Developer Associate Training (v2024.10)** – Training in robotic process automation (RPA) using UiPath to design, develop, and deploy automation workflows.
- **Coursera: Design Thinking for Innovators** – Introduces design thinking methods for problem-solving, user-centered innovation, and creative solution development.

EXPERIENCE

Thinkathon 2K24 | Cybersecurity Safety System (KSR College of Engineering)

November 2024

- Developed "FarmFit", a gamified platform to promote sustainable farming practices for farmers.
- Implemented features like virtual farming simulation, shop-to-farmer product ordering, and community knowledge sharing.
- Technologies: HTML, CSS, JavaScript, React.js, Java (Spring Boot), REST APIs, IoT Sensors.

Smart India Hackathon (SIH 2024) | Participant

December 2024

- Developed "Women Safety Analysis" system using NLP for emergency descriptions.

- Technologies: HTML, CSS, JavaScript, Google Console API, NLP.
- Integrated Google Console API and JavaScript for interactive mapping.

AIML Virtual Intern | EduSkills (Supported by Google for Developers)

April 2025 – June 2025

- Engineered web and DSA projects to deliver efficient software solutions.
- Mentored peers and fostered a collaborative team environment.
- Collaborated in multidisciplinary teams to solve complex problems.

Smart India Hackathon (SIH 2025) | Participant

September 2025

- Developed “FarmFit”, a gamified platform to promote sustainable farming practices for farmers.
- Implemented features like virtual farming simulation, shop-to-farmer product ordering, and community knowledge sharing.
- Technologies: HTML, CSS, JavaScript, React.js, Java (Spring Boot), REST APIs, IoT Sensors.

PROJECTS

Ice Cream Shop Management System

- Developed a Java-based billing system to manage product orders and automate retail billing calculations.
- Integrated MySQL database to store product details, billing records, and transaction data.

Leave Application System

- Built a C# desktop application to automate employee leave requests and approval workflows.
- Implemented features for leave submission, status tracking, and administrative approval management.

Travel App (UI Design)

- Designed an interactive Figma prototype for destination exploration and travel planning.
- Created user-friendly UI layouts and navigation flows to improve user experience and itinerary management.

UrbanWood (Furniture E-Commerce)

- Developed a responsive furniture e-commerce website using HTML, CSS, and JavaScript.
- Implemented product browsing, category filtering, and modern UI design for seamless online shopping.

Form Filling Bot (RPA Automation)

- Developed an automation bot using UiPath to populate online forms with structured data from Excel sheets.
- Automated data extraction, validation, and submission processes to reduce manual data entry time and errors.

EDUCATION

- B.Tech (IT) | K.S. Rangasamy College of Technology | 2023 – 2027 | CGPA: 8.05
- HSE | Government Boys Higher Secondary School, Elampillai, Salem | 2022 – 2023 | 85%

ACTIVITIES

- Participated in technical workshops and hackathons related to AI and software development.
- Practiced Data Structures and Algorithms (DSA) to improve coding and problem-solving skills.
- Engaged in team-based development projects to build real-world applications.