

Vidya Gangaswamy

+1 (312)-694-3943 | vgangaswamy@hawk.iit.edu | [linkedin.com/in/vidyagangaswamy](https://www.linkedin.com/in/vidyagangaswamy) | github.com/Vgangaswamy

EDUCATION

Illinois Institute of Technology

Masters in Information Technology and Management | GPA: 3.83

Course Work: OOPS, Data Science, Android Studio, Web development.

Aug. 2023 – May. 2025

Chicago, IL

Visvesvaraya Technological University

Bachelor of Engineering, Computer Science and Engineering | GPA: 3.4

Course Work: Operating Systems, DBMS, ML and Big Data

Aug. 2019 – Jun. 2023

Bengaluru, India

EXPERIENCE

Student Assistant (Graduate and Undergraduate Office)

Illinois Institute of Technology

Oct. 2023 – Present

Chicago, IL

- Leveraged Salesforce and Slate for detailed analysis, evaluation, and management of graduate applications, ensuring accurate academic merit assessments and alignment with institutional diversity initiatives.
- Updated and verified student records and transcripts with meticulous attention to detail, while streamlining operational processes and enhancing data accuracy using Slate.

Machine Learning Intern

SkillVertex

Mar. 2023 – May. 2023

Bangalore, India

- Enhanced dataset preparation and churn model evaluation using advanced preprocessing and performance metrics.
- Leveraged Matplotlib, Seaborn, and Plotly for impactful data visualization; enhanced feature engineering to improve model accuracy by 10% and tackled imbalanced datasets.

Mobile Application Development Intern

SMMUD Technologies Pvt. Ltd

Jun. 2022 – Dec. 2022

Bangalore, India

- Collaborated on the Fresko Choice project using Flutter for cross-platform development, increasing efficiency in Firebase Real-Time Database by 30% for synchronized data management across iOS and Android.
- Integrated Firebase Authentication, Google Pay, and Google Maps APIs to enhance security, boost payment processing efficiency by 25%, and improve real-time location tracking, significantly enhancing user experience and app functionality.

PROJECTS

Bakery Management | Used-(Java, JSP, JPA, Payara and Jakarta EE)

Oct. 2024 – Dec. 2024

- Engineered a Java EE-based web application using JSF, JPA, and Payara Server, implementing role-based features such as product browsing, order management, and inventory control, while integrating Jakarta Security for authentication and dynamic product search for seamless user experience.

Champion Compass Web app | Used-(Firebase, Angular.js, Data Dragon)

Sept. 2024 – Dec. 2024

- Designed and developed Champion Compass, a web app using Angular and MongoDB, offering personalized champion recommendations through an interactive quiz and educational content for new League of Legends players.
- Integrated ChatGPT API and Riot Data Dragon API to provide real-time gameplay guidance, up-to-date champion data, and a seamless user experience.

Google forms clone | Used-(MongoDB, Express.js, React.js, Node.js)

July. 2024 – Sept. 2024

- Designed and developed a full-stack form-building application using the MERN stack, enabling dynamic form creation with customizable question types, secure authentication via JWT and bcrypt, and seamless state management with Axios-powered RESTful API integration.

Champion Compass Mobile app | Used-(Java, XML, Firebase, Android Studio)

Jan. 2024 – Mar. 2024

- Developed an interactive Android application in Java and XML, integrating Firebase Authentication and Realtime Database for secure data management, enabling dynamic content delivery and tailoring personalized user experiences to gameplay interactions.
- Boosted user engagement through advanced data binding and adaptive quiz algorithms, and optimized backend operations using Firebase Cloud Functions for scalable, real-time data handling and user feedback.

TECHNICAL SKILLS

Languages: Java, Python, C, C++

Database: SQL, MySQL, SQLite, Firebase, MongoDB

Frontend Tools: HTML5, JavaScript, React.js, CSS, PHP, XML, Express.js, Node.js

IDE and Version Control: Git and Visual Studio, Android Studio, NetBeans, Jupyter Notebook, Eclipse, IntelliJ