

EDUCATION

Illinois Institute of Technology, Chicago, IL	Expected Graduation – May 2026
<b>Master of Science, Computer Science</b>	
Ajeenkya D Y Patil University, India	Graduated - May 2024
<b>Bachelor of Science, Computer Engineering, GPA 3.2</b>	

EXPERIENCE

<b>Bharat Intern   Data Science Intern</b>	Jul 2023 - Aug 2023
<ul style="list-style-type: none"><li>Constructed 5 Python-based data solutions, boosting workflow efficiency by 30% and data accuracy by 25%.</li><li>Expedited bug resolution by 40%, ensuring 95% on-time project completion.</li></ul>	
<b>TechnoHacks   Python Developer Intern</b>	Jun 2023 - Jul 2023
<ul style="list-style-type: none"><li>Engineered 3 service-oriented applications using Python, slashing processing time by 40%.</li><li>Streamlined software stack modernization, delivering 5 solutions that enhanced project performance by 25%.</li></ul>	
<b>Internshala   Web Developer Intern</b>	Jun 2020 - Jul 2020
<ul style="list-style-type: none"><li>Formulated a fully functional web application using HTML, JavaScript, and Bootstrap.</li><li>Optimized a responsive web application in four weeks, elevating daily active users by over 150%.</li></ul>	

PROJECTS

<b>AI Teamwork Strategist</b>	Dec 2025
<ul style="list-style-type: none"><li>Developed a multi-agent AI system in Python leveraging <b>LLMs</b> and NLP via <b>LangChain</b> to automate SDLC workflows (Waterfall &amp; Agile).</li><li>Built <b>role-based AI agents</b> (Product Owner, Scrum Master, Developer, QA, DevOps, Security) for automated backlog creation, user stories, sprint planning, and effort estimation.</li><li>Evaluated AI-driven Agile vs Waterfall planning for flexibility, scalability, and estimation accuracy.</li></ul>	
<b>University AI Chatbot</b>	May 2025
<ul style="list-style-type: none"><li>Developed an AI university chatbot in <b>Python</b> using <b>NLP</b> and <b>ML</b> for student query classification.</li><li>Applied <b>TF-IDF</b> and Multinomial Naïve Bayes, expanding training data 4.7× with spaCy NER-safe <b>augmentation</b> to improve accuracy and robustness.</li><li>Performed model tuning with <b>GridSearchCV</b> and deployed via <b>Flask REST APIs</b> for real-time query handling.</li></ul>	
<b>Currency Converter</b>	Sep 2024
<ul style="list-style-type: none"><li>Developed a <b>full-stack web application</b> for currency conversion, utilizing JavaScript, HTML, and CSS, while integrating real-time data retrieval via an exchange rate <b>API</b>.</li><li>Implemented interactive features in the <b>front-end development</b>, driving a 40% increase in user engagement.</li></ul>	
<b>Grievance Redressal System using SMTP Protocol</b>	May 2024
<ul style="list-style-type: none"><li>Composed a grievance redressal system with JavaScript, PHP for <b>frontend</b>, &amp; SQL for <b>backend</b>, Reducing processes by 50%.</li><li>Deployed backend workflow and secured credentials using the <b>SMTP</b> protocol.</li></ul>	

SKILLS

<ul style="list-style-type: none"><li><b>Languages:</b> C++, Java, Python, HTML, CSS, JavaScript, ReactJS, Go</li><li><b>Database:</b> SQL, MySQL (Oracle), NoSQL (MongoDB)</li><li><b>Tools &amp; Technologies:</b> Git, GitHub, VMware, Terraform, Selenium, DevOps, Networking, Operating Systems (Windows, Linux), Big data(Hadoop), Flask, LangChain, LLMs.</li><li><b>Development Methodologies:</b> Full Stack Development, Data Structures &amp; Algorithms, Object-Oriented Programming, SQL &amp; Relational Databases.</li></ul>
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CERTIFICATE

Python Basics - <a href="#">University of Michigan</a>
Teamwork Skills: Communicating effectively in groups - <a href="#">University of Colorado Boulder</a>
Exploratory data analysis for machine learning - <a href="#">IBM</a>
Cyber hygiene Practices - <a href="#">Ministry of Electronics &amp; Information Technology</a>
Software Testing Tutorial - <a href="#">Great Learning</a>

PUBLICATIONS

<b>Title:</b> Grievance Redressal System using SMTP Protocol, <b>Journal Name:</b> (ICICCD),
<b>Issue:</b> Paper ID: CMT-311- Cat B 30, May 2024
<b>Title:</b> A Survey on Grievance Redressal System, <b>Journal Name:</b> (IJIRCE),
<b>Issue:</b> e-ISSN: 2320-9801, Volume 11 Issue 12, December 2023
<b>Title:</b> An Online Shopping System using Password for Login through SMS, <b>Journal Name:</b> (IJIRSET),
<b>Issue:</b> e-ISSN: 2319-8753, Volume 10 Issue 5, May 2021