

ANKITH CIRGIR

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EDUCATION

INDIANA UNIVERSITY BLOOMINGTON, Bloomington, IN

Aug 2022 – May 2024

Master of Computer Science

- **Coursework:** Computer Networks, Applied Algorithms, Software Engineering, Data Structures

B.V. RAJU INSTITUTE OF TECHNOLOGY

Aug 2018 – May 2022

Bachelor of Technology in Computer Science Engineering

SKILLS

Programming Languages: Python, Java, C, C#, TypeScript

Web Development: AngularJS, React, HTML, CSS, jQuery, JavaScript, XHTML, Responsive Design, Selenium, GraphQL, ReactJS, ASP.NET, Azure API

Back-End Development: SQL-MySQL, PostgreSQL, NoSQL, MongoDB, Firebase

Product Management: Product Lifecycle Management, Product Design, Jira, Notion, Scrum Processes, Agile

Development Tools: Visual Studio, SQL Server Management Studio (SSMS), VS Code, SQL Workbench

Other Tools: MS Office, Git, Postman, Wireshark

PROFESSIONAL EXPERIENCE

INDIANA UNIVERSITY BLOOMINGTON, Bloomington, IN

Jan 2023 – April 2024

Graduate Teaching Assistant

- Taught Python, Java, and C# and used detailed assessments to verify a 35% increase in coding proficiency.
- Guided Agile projects using Jira and Notion, achieving 90% completion with a focus on project quality evaluations.
- Enhanced coding tool skills in Visual Studio, VS Code, and Git, confirming through practical, hands-on testing.

TECHNOVERT

Sep 2021 – Aug 2022

Full Stack Developer

- Elevated an address book app's UI via Angular and TypeScript, redesigning user flows to boost engagement by 30%.
- Increased REST API efficiency with asynchronous programming in C# on .NET, reducing retrieval times by 20%.
- Improved mobile accessibility by 25% via advanced CSS and media queries, ensuring cross-browser compatibility.
- Streamlined app code using MVC and Angular, significantly enhancing scalability and maintenance.
- Built dynamic web UIs with Angular, utilizing Data Binding and Dependency Injection to enhance rendering efficiency.
- Integrated GraphQL APIs with Apollo Client, improving data management and lowering backend load times by 35%.

CYBERMEDHA SOLUTIONS PVT. LTD.

Oct 2020 – Dec 2020

Software Developer

- Led the front-end development of an Angular-based streaming platform for TV series, focusing on responsive design.
- Integrated SQL databases with back-end services in a streaming platform, enhancing data handling for 50k+ users.
- Enhanced streaming quality by implementing H.264 encoding, reducing video buffering times significantly.
- Employed Agile methodologies to develop a low-latency streaming service with sub-100ms response times.
- Optimized data transmission using compression techniques in a video platform, decreasing bandwidth usage.
- Designed responsive UI components using Angular, TypeScript, and CSS, boosting performance of the platform.

PROJECTS

BankAPI (Angular) | Angular, SQL Server, SQLHandlers, RESTful API

Dec 2023

- Streamlined Angular and SQLHandlers to deliver a secure, responsive banking platform, enhancing data integrity.
- Crafted a RESTful API to facilitate secure banking transactions, improving operational efficiency and customer trust.

Wi-Fi Strength Application | Java, XML, Android Studio ([Link](#))

May 2023

- Created a Java/XML app to detect and boost Wi-Fi signals with smart sensor feedback for peak performance guide.
- Elevated market presence via feature innovation, achieving over 10,000 downloads and significant user engagement.

AWARDS & CERTIFICATIONS

IBM Certified Information Security (INFOSEC)

Dec 2021

J-Hub Central Hackathon League | Secured 3rd place at J-Hub Central Hackathon League

May 2020