

# ANUBHA VISHWAKARMA

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## EDUCATION

### University of Central Missouri

MS Computer Information Systems *GPA: 3.8*

Lees Summit, MO

Jan 2023 - Jul 2024

### University Institute of Technology, RGPV

B.E Electronics and Communication Engineering *CGPA: 8.68/10*

Bhopal MP India

Aug 2015-May 2019

## EMPLOYMENT

### Touchnet Information Systems Inc (Global Payments Company) *Software Engineer II*

Kansas City, MO, United States

Jan 2024 – Present

- Managed database migrations using **Liquibase**, leveraging ORM (Object-Relational Mapping) techniques to ensure seamless schema updates and data migrations within the application.
- Developed **Java APIs** with a focus on **PCI compliance**, implementing security best practices and industry standards to ensure the secure processing and storage of sensitive payment card data.
- Led the migration from **Create React App** to **Vite**, optimizing performance and reducing vulnerabilities by implementing Vite plugins and **Vitest** for comprehensive testing. Successfully removed deprecated dependencies and addressed **Nexus IQ** vulnerabilities.
- Developed and maintained React component packages for npm using Vite and Rollup, ensuring ongoing updates and proactively addressing security vulnerabilities to enhance application integrity.
- Designed and developed **RESTful APIs** within a **microservices** architecture using Java, enabling application enhancements and scalability through modular, service-oriented design.
- Implemented version control workflows using **GitOps** methodologies and utilized tools such as **Argo CD** to orchestrate seamless deployments of cloud-based applications, ensuring efficient synchronization and continuous delivery of updated versions.
- Conducted comprehensive accessibility audits on user interfaces using **Axe tools**, ensuring compliance with **WCAG standards** and delivering inclusive user experiences.

### Hexagon Capability Centre India (HCCI) *Senior Software Engineer*

Hyderabad, TS, India

Oct 2021 – Dec 2022

- Led the development of **Situational Awareness** application using **Angular 13**, **JAVA**, **SpringBoot**, **MS SQL Server**, **TypeScript** and **Azure** enhancing the user experience for multiple clients.
- Devised successful integration with **MS Teams** and **Primavera** by optimizing over **20 use cases** per iteration, ensuring peak functionality and smooth integration.
- Strategically combined **Luciad Ria** and **Luciad Fusion** with **JAVA**, **C# ASP.net** and **Angular**, resulting in a remarkable **28% performance boost** and augmented data visualization.
- Implemented real-time worker tracking with **0.3-second latency** using HCCI libraries with **JAVA** and **Angular 13** increasing **accuracy by 85%** in live altering mechanism.
- Managed pre-sales activities for over 5 potential customers, translating needs into precise Functional Requirements & Design Specifications (**FRS/FDS**), refining the existing attributes of the application.

### Tata Consultancy Services Ltd *System Engineer*

Hyderabad, TS, India

Jun 2019 - Oct 2021

- Led successful development and deployment of migration programs in **Angular 4** for enhanced website performance and user experience.
- Consistently performed cross-functional collaboration including **prototyping and code remodeling** to build and migrate optimized applications in Angular 4.
- Provided hands-on technical support with **90% acceptance rate**, and conducted code reviews, ensuring code base efficiency.
- Implemented intuitive interface design and user-friendly navigation for **more than 70 forms** within the application. Resulting in seamless integration with the database.

### Appin Technology Labs *Software Engineering Intern*

Bhopal, MP, India

Aug 2018-Dec 2018

- Proficiently utilized **Python 3.7** and its libraries to create Face Recognition Attendance System using **Raspberry Pi 3** resulting in lightweight computing and reduced cost of AI-based attendance systems.

- Developed **Automated calling app** using Python 3.7 integration with cellular data, optimizing processes for IOT devices.
- Created a **voice-activated light bulb** control system using IOT concepts, exemplifying practical automation solutions.

#### TECHNICAL SKILLS

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Languages:	Java, C#, TypeScript, JavaScript, HTML, CSS, Python, SQL, UML
Frameworks and Libraries:	ASP.NET, Spring Boot, Angular, AngularJS, React, Vite, Bootstrap
Tools:	Git, Postman, Bitbucket, Source Tree, Visual Studio, Figma, Cloud(Azure)

#### PROJECTS

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<b>Library Management System</b>	<i>Java, Angular 14, MySQL, Git, Spring Boot</i>	<a href="#">Github</a>
<b>Pokémon Review App</b>	<i>C#, ASP.NET Framework, and Microsoft SQL Server</i>	<a href="#">Github</a>
<b>Employee Details Form</b>	<i>Java, Spring boot, Angular 14, Azure, MySQL</i>	<a href="#">Github</a> <i>and more</i>

#### AWARDS

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<b>Star Team Award.</b> ( <a href="#">link</a> )	Hexagon Capability Center India	Aug 2022
Achieved the successful deployment of real-time tracking features in a client application, using Java, Angular, and C#.		
<b>Applause Award</b>	Tata Consultancy Services	Feb 2021
Recognized by the Project Client manager and received the Applause Award: for my contribution to the project .		