

# SUYASH CHAUDHARY

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## WORK EXPERIENCE

### Indiana University School of Education - Application Developer

Tech. Stack: React.js, .NET core, Storybook, TypeScript, MSSQL, SQL, T-SQL, Jest

Bloomington, IN

Aug 2023 - Present

- Pioneered Educational Data Dashboard that empowered students across Indiana and New Mexico school districts
- Streamlined frontend with Storybook by developing modules in isolation boosting efficiency
- Assembled a series of AG fusion graphs that assisted schools in bringing down truancy by 15%
- Rescued server accessibility by debugging and remodeling dotnet code and writing fresh benchmark tests
- Employed Webpack with Babel and Craco to optimize the frontend resulting in streamlined workflows

## TECHNICAL SKILLS

**Programming languages:** Python, PHP, C#, TypeScript, JavaScript (ES6+), HTML5, CSS3, SQL

**Frameworks:** REST, UNIX, Jest, Tailwind, .NET core, Next.js, Flask

**Databases:** MySQL, MongoDB, PostgreSQL, MSSQL

**Technologies:** Node.js, React.js, React Native, Redux, GraphQL

**Developer Tools:** Jira, Git, Jenkins, Storybook, AWS, Figma, Firebase, Webpack

## EDUCATION

### Indiana University Bloomington

Master of Science in Computer Science

Bloomington, IN, US

May 2023

### Marathwada Institute of Technology

Bachelor of Engineering in Computer Science

Aurangabad, MH, IND

Jun 2019

## PROJECTS

### Windows Presentation Foundation Application – ImagePlay

- Programmed an application to draw shapes on top of a loaded image like a canvas
- Scripted drawing and dragging, color palette modification, shape resizing, shape deletion, and save feature
- Created Visually appealing design by scripting a functional User Interface with C# and WPF
- Tech. Stack: C#, .NET, WPF, Visual Studio, Singleton pattern, SQL Server, Winforms, MVC

### Learning Management System - Ryze

- Built a learning management system in five successive sprints of SDLC by collaborating as a team
- Integrated Role/access switching, localization, two-factor authentication, and third party sign-in options
- Utilized RESTful services for communication and optimized front-end performance ensuring a seamless experience
- Tech. Stack: Python, React.js, Redux, MongoDB, Flask, JavaScript, OAuth, Selenium, Jira, JSON and Agile scrum

### Ecommerce marketplace App - Indigolist

- Yielded a CRUD-style e-commerce marketplace web app as a team for buying and selling products
- Embodied authentication, pagination, user cart, Stripe payment gateway, and product recommendation into UI/UX
- Designed UI components using Material UI with Emotion to increase reusability and ensure better user experience
- Tech Stack: Prisma, Express, TypeScript, Node.js, React.js, Redux, Material UI, Webpack, Postgres, REST

### Full-Stack Food Delivery App - J1

- Engineering a food delivery SaaS mobile application with multi-role support and integrated microservices
- Leveraged single API call on a robust codebase by utilizing GraphQL on the backend and jest for unit testing
- Embracing design patterns for object oriented design and jenkins for CI/CD with AWS for production
- Tech Stack: MongoDB, JavaScript, React Native, AWS EC2, GraphQL, Apollo, Node.js, Redux, Jest, JWT