

# ABHISHEK KAPOPARA

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<https://abhishek12021202.github.io/abhishek-portfolio/>

## EDUCATION:

**The University of Texas at Arlington**

(August 2021 – May 2023)

Master of Science, Computer Science

(GPA: 3.75 / 4.0)

**Gujarat Technological University**

(August 2016 – May 2020)

Bachelor of Engineering, Computer Engineering

(GPA: 7.33 / 10)

## SKILLS:

**Programming Languages:** Python, JavaScript, JAVA, Intermediate PHP, Intermediate C/C++, HTML, CSS.

**Programming Framework:** React.js, Node.js, Next.js, Express.js, Flask, Django, Spring Boot, Angular, Bootstrap.

**Database Technologies:** SQL (MySQL, Microsoft SQL server), PostgreSQL, Oracle, MongoDB, Firebase.

**Developer Tools:** GIT, AWS, Microsoft Azure, Visual Studio, Google Cloud Platform, Docker, Android Studio.

## EXPERIENCE:

**Software Developer Intern, Copart Inc**

(June 2023 – Present)

- Contributed to the creation of well-organized web applications using cutting-edge JavaScript libraries and frameworks such as ReactJS, Next.js and help build an eco-system of scalable microservices in Java.
- Collaborated with UX designers and fellow developers to construct modular, reusable components and captivating web applications. Assisted experienced developers in comprehending and contributing to the development of a scalable web ecosystem, predominantly in JavaScript.
- Advocated for and adhered to best practices within an Agile Software Development Environment, focusing on ReactJS and frontend expertise.

**Frontend Developer, Tagline Infotech**

(March 2018 – July 2021)

- Developed 5+ web-applications using Next.js and React.js, resulting in highly performant and responsive user interfaces. Leveraged REST APIs to seamlessly integrate data from multiple sources.
- Optimized database performance by implementing GraphQL to efficiently retrieve and manipulate large data sets. Utilized React.js to develop scalable frontend components, resulting in a 20% reduction in response time.
- Rewarded as Employee of month for increasing efficiency of an online gaming web app by 68% to 84%.

## PROJECTS:

**Pubgisco** (React.js, Node.js, Next.js, Express.js, MongoDB, Firebase, Material-UI)

- Built a platform using React.js, Next.js and Redux where users can participate in various tournaments for popular game PlayerUnknown's Battlegrounds. Integrated Firebase authentication to ensure secure access to user data and enabled REST APIs to serve real-time updates to tournament standings and player stats.
- Created a scalable database architecture and developed 137 REST APIs to provide robust and reliable data access for front-end interfaces. Deliver a seamless user experience for more than 5000 players participating in tournaments.

**Siremar System** (Java, Java Spring boot, React.js, Bootstrap, WordPress, Socket.io, MySQL, UTA Housing Dataset)

- Designed and deployed a platform that enables government authorities to monitor and manage information related to population and property data, including schools, businesses, counties, and events.
- Implemented advanced security measures, such as password hashing and JSON web token authentication, to manage user roles and responsibilities effectively. Integrated a chat functionality using the socket.io library in Node.js and integrated it with a React.js front-end to enable seamless communication between users.

**Question Paper Generator** (Python, Pandas, Python Flask, HTML, CSS, SQL)

- Programmed a Flask app to Generate Question paper of a given Subject using books dataset.
- Utilized relation database advanced queries to generate 100+ random questions according to pattern.
- Applied a logic to clean, format, normalize, and vectorized reviews leveraging Pandas and flask for web application.

## ACHIEVEMENTS:

- Represented college in a state-level Hackathon program as a team leader and presented unique solution for streetlight fault detection system – 2019 securing 3<sup>rd</sup> position.
- Participated in (SGZCP) South Gujarat Zone level competitive programming competition and secured 4<sup>th</sup> rank.