ABHISHEK KAPOPARA

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EDUCATION:

The University of Texas at Arlington (August 2021 – May 2023)
Master of Science, Computer Science **(GPA: 4.0 / 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, Express.js, Flask, Django, Spring Boot, Laravel, 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:

MERN Stack Developer, Tagline Infotech (August 2020 – July 2021)
- Implemented 5+ different types of projects at company and designed reusable, responsive, and intuitive components using scalable React.js framework.
- Enhanced existing database functionalities by restructuring back-end services including 10000+ rows and 20+ columns using Node.js resulted in 17% improved performance.
- Rewarded as Employee of month for increasing efficiency of an online gaming web app by 68% to 84%.

Web Developer Intern, Corona Infotech (May 2020 – July 2020)
- Applied Flask Technology to develop a web-application; predicted market trends more accurately than 65%.
- Simulated and deployed a web application on Microsoft Azure for stock market trading helpful for beginners.
- Collaborated with QA engineers, designer, and product manager to ensure quality in all phases of Web development.

Student Mentor, SSASIT Engineering College (February 2017 – September 2018)
- Mentored and course work, Supervision of Exams and Grading of papers for 7 classes in CSE department.
- Assisted professors during lectures and coordinated class schedules to keep 1000+ students up to date with schedule.
- Constructed exam papers, posters, and relevant materials for 15 different faculties/staff members.

PROJECTS:

Pubgisco *(React.js, Node.js, Express.js, MongoDB, Firebase, Material-UI)*
- Constructed a system where more than 1000 players can play different tournaments of PubG and able to create new tournament with super admin's permission.
- Designed a database and created 137 API to serve data for front-end and added authentication using Firebase.

On-Campus Housing System *(JAVA, Spring Boot, React.js, Bootstrap, UTA Housing Dataset)*
- Built a system for on-campus housing referring UTA Housing Dataset targeting 4 different dependent interfaces.
- Integrated schemas and API in React front-end and added authentication utilizing Spring Boot.
- Engineered a system to notify residents whose leases are coming up for renewal with new contract information.

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.

Smart Streetlight Fault Detection System *(node-MCU, Arduino)*
- Implemented a unique hardware and software using node-MCU and Arduino software; gathered information of faulted streetlight to user with coordinates.

ACHIEVEMENTS:

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